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CHEMIST and DRUGGIST NOVEMBER 15, 1947

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

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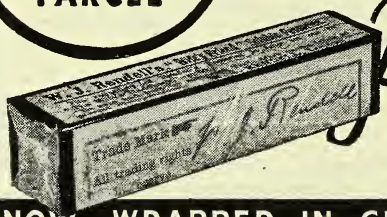

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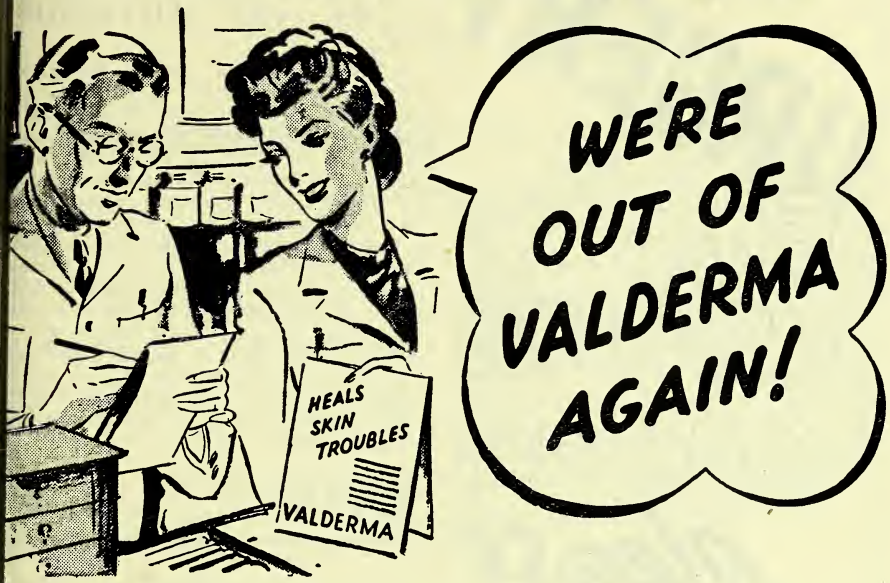

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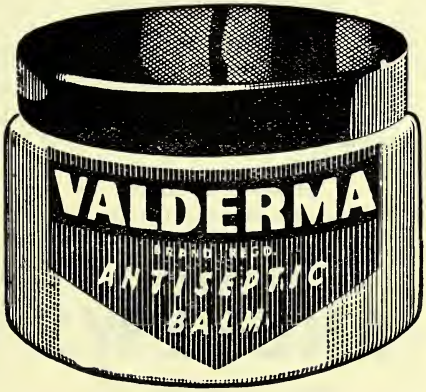

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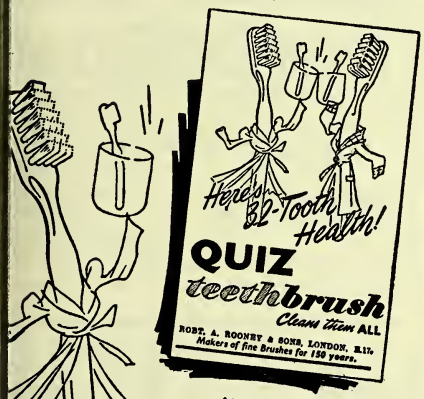

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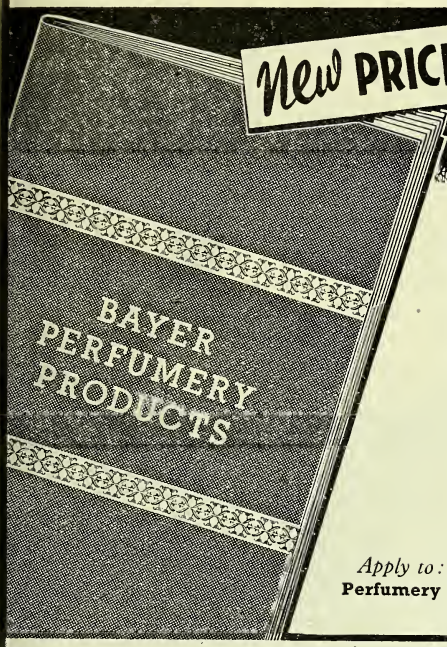

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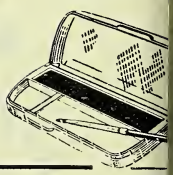

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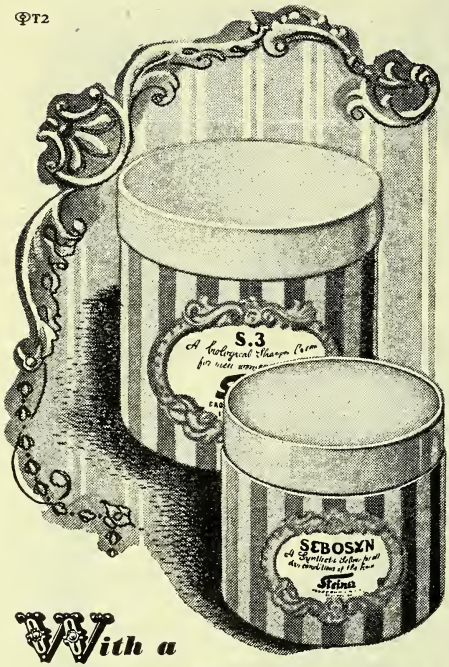

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NEWS OF THE WEEK

Toxicology Research Committee. — A ew committee to assist in the promotion research in toxicology, particularly in dustry, has been appointed by the Medi- l Research Council. The members in- ude Professor J. H. Gaddum.

Cut in Manufacturing Sugar. — The inister of Food announced on November that, as part of the Government's plan r reducing dollar expenditure, the total locations of sugar for manufacturing pur- oses would be cut by 25 per cent. with fect from January 4, 1948.

"Staggered" Factory Hours. — The inister of Labour has issued an Order .R. & O., 1947, No. 2341) amending the ours permitted to be worked by women nd young persons in "staggered" factories, they were laid down in the Factories Hours of Employment in Factories Using lectricity) Order, 1947.

Sharp Rise in Retail Sales.—Retail trade n September showed a large advance. ales of large-scale chemists increased by 2.9 per cent., when compared with the corresponding period a year earlier. Stocks (at cost) of chemists' wares held by retailers are estimated by the Board of Trade to have been 29.8 per cent. more than in September 1946. Sales by independent chemists rose by only 12 per cent. compared with the previous year.

Commercial Travellers' Schools.—The president of appeal for 1947 of the Royal Commercial Travellers' Schools is Mr. Douglas Valentine (Valentine & Sons, Ltd., art publishers). The amount which it is aimed to collect is £26,000. Donations or subscriptions should be sent either to Mr. Valentine at the company's headquarters at Dundee, or to the secretary, Royal Commercial Travellers' Schools, St. Ermins, Caxton Street, S.W.1.

Extinguisher for Petrol Fires. — A demonstration of the use of methyl iodide as a fire extinguisher in petrol fires was given in Manchester recently by Dr. O. C. de C. Ellis, a Manchester consultant. Applied as a continuous spray, the compound was completely effective in suppressing demonstration petrol fires. The com-

pound is claimed to be more effective and less toxic in its end products than carbon tetrachloride.

Admitted Lord Mayor.—The admission of the Lord Mayor of London, Sir Frederick Wells, took place at Guildhall, London, on November 8. Sir Frederick is chairman of Sanitas Co., Ltd., and associated companies

Sir Frederick Wells at the ceremony of admission.

(see *C. & D.*, October 4. p. 402). On the occasion of the Lord Mayor's Show, the following day, the whole of the staffs of the various companies turned out in special coaches to see the procession, which halted so that Sir Frederick could shake hands with employees of over fifty years' service.

Fats for Soap Exporters.—The Ministry of Food has agreed to make available additional oils and fats for the manufacture of soap for export to the following markets: Australia, Formosa, Iran, Liberia, New Zealand, North, Central and South America (excluding the European Colonies, but including Newfoundland), Philippine Islands, Portugal and its Colonies, South Africa, Sweden, Switzerland and the U.S.S.R. Applications for export licences should be submitted for firm orders received from the above countries to the secretary, Soap Trade Export Group, Wood Street, Bebington, Cheshire, stating the net weight of the naked soap. Separate weights shou be stated for (1) toilet, medicated and sha ing soaps, and (2) other soaps. Applicatio from exporters who are not themsel manufacturers should state also the name their suppliers.

LOCAL NEWS

Southampton Lecture. — At a meeti of the Southampton Branch of the Pharm ceutical Society on November 3, Dr. W. Bullock gave a lecture on "The Effect the War on Medicine."

Aberdare and Merthyr Branch.—At meeting of the Aberdare and Merth Branch of the Pharmaceutical Society November 5, Mr. F. J. Haverson, Merth was elected *Junior Vice-chairman.* M H. Parry presided.

War Memorial Unveiled.—A memor to forty-four employees of British Glues Chemicals, Ltd., and associated compani who gave their lives in the 1939-45 w was unveiled at the company's Welw Garden City office on October 24.

Tropical Disease Lecture.—A meeti of the Manchester Branches of the Gu of Public Pharmacists and the Pharmace tical Society was held on October 30, M W. E. Phillipson in the chair. Dr. R. F gan (chief medical consultant, May Baker, Ltd.) spoke on "The British Cont bution to Tropical Medicine." In t course of his address he showed slides illu trating methods of treatment used African villages.

East London Chemotherapy Talk. There was a large attendance at a meeti of the East Metropolitan Branch of t Pharmaceutical Society held at Stratford November 4, when Professor W. H. Linn spoke on "Latest Advances in Chem therapy." After a historical survey of t subject, Professor Linnell outlined t development of the sulphonamides. H envisaged the future disappearance chemistry from the medical studen syllabus, making the pharmacist's kno ledge of the subject indispensable. A vo of thanks to the speaker was moved by M W. H. Cloud and seconded by Mr. S. Fo

Nottingham Dinner. — The custom holding an annual dinner was revived b the Nottingham Branch of the Pharmace tical Society on November 6 after a lap of eight years. The guests included M H. N. Linstead, O.B.E., M.P. (secretar Pharmaceutical Society), the Lord May

Nottingham and Dr. Cyril Banks (medi- officer of health, Nottingham). A toast the Society was proposed by Mr. W. J. pleby (branch chairman), and Mr. Lin- ad responded. Other speakers were essrs. W. D. Ayers (vice-chairman) and anville Shaw. Mr. F. A. Bates was toast- aster.

Scottish Executive Councils. — The lowing pharmacists have been nominated serve on Executive Councils so far set under the National Health Service cotland) Act: *Dundee,* Messrs. A. R. wson and C. W. Macfarlane; *Fife,* essrs. C. Bayne, Kirkcaldy, and T. Wil- n, Burntisland; *Perthshire and Kinross,* essrs. W. B. Forbes, Perth, and T. Neil- n, Perth; *Renfrewshire,* Messrs. C. A. ick, Port Glasgow, and T. L. Sinclair, eenock; *Ross and Cromarty,* Miss M. I. lton, Dingwall, and Mr. J. Gow, Fort- e; *Stirling and Clackmannan,* Messrs. G. Drummond, Falkirk, and A. M. od, Grangemouth.

Report by Branch Representatives.— tendance at a meeting of the Portsmouth anch of the Pharmaceutical Society held Southsea on October 28 was so great t hurried arrangements had to be made use a larger room. Messrs. L. S. Snell- ve and F. H. Oliver presented reports on Branch Representatives' meeting held ently at Torquay. Mr. Snellgrove, aking as a pharmacist in business, said ny members appeared to know little of purpose and value of the Branch Rep- entatives' meeting. He described the posed changes in constitution of the armaceutical Society. Mr. Oliver, as an ucationist, dealt with changes in the amination and apprenticeship regula- ns. Discussion was deferred.

Isotopes Lecture.—Dr. F. Lloyd Warren nior lecturer in biochemistry at St. ary's Hospital Medical School, London) ke on "The Use of Isotopes in Bio- emistry and Medicine" at the annual nt meeting of the Western Pharmacists' sociation, and National Association of omen Pharmacists held on November 5. uring the discussion which followed the ture, Dr. Warren said that authorities dif- ed over the precautions that should be ken when handling isotopes used in bio- gical and medical work. The short half- e of the isotopes likely to be used limited extent to which pharmacists would be quired to handle them. Compounds into ich the isotopes were incorporated were rmally transferred with minimum delay from the radio-chemical laboratory, immediately after preparation, to the experiment or case on which they were to be used. One of the difficulties arising in the work was that of devising chemical reactions to synthesise organic substances from radioactive carbon dioxide (prepared from the carbonates supplied from the atomic pile). Sugars containing radioactive carbon had been obtained by extracting plants grown in an atmosphere containing isotopic carbon dioxide.

First Meeting at Hounslow.—At the first meeting of the Hounslow Branch of the Pharmaceutical Society on October 28, Mr. F. G. Wells (a member of the Society's Council) first gave an account of the Torquay Branch Representatives' meeting. He then went on to discuss the National Health Service, saying he hoped dispensing fees would be graduated and that, by making bottles a charge on the Service, the problem of deposit payments would be solved. He reminded members that sulphonamides for the treatment of poultry could be supplied without a prescription only to professional poultrykeepers. Answering Mr. E. J. Coulter, Mr. Wells said that, although action might be taken against a doctor who wrote an irregular prescription for a Dangerous Drug, the responsibility for supply fell on the chemist. In reply to other questions, he said a statement on the supply of sulphonamides to beekeepers would be issued shortly by the Council. It was correct to supply sulphacetamide to, for example, an osteopath for use by him on a patient, but an osteopath was not entitled to prescribe sulphacetamide. Mr. Wells agreed to bear in mind a suggestion of Mr. V. M. Bond that a student should be permitted to serve part of his apprenticeship during vacations from teaching institutions.

SPONGES ON PARADE. Tableau staged by Cresswell Bros. & Marks in an Arts and Civic Week procession of industry held recently in St. Pancras borough. *Photo by courtesy Mobile Film Co.*

IRISH NEWS

N.I. Control of Engagement. — An amendment to include pharmacists in the schedule of persons to be exempted from the provisions of the Safeguarding of Employment Bill (Northern Ireland) has been tabled by members of the opposition in the Northern Ireland Parliament. The Bill seeks to make the engagement of persons not ordinarily resident in Northern Ireland subject to the permission of the Minister of Labour.

West of Ireland Chemists.—A meeting of the West of Ireland Chemists' Association was held at Roscommon on November 2, Mr. W. J. Adamson, Ballina, in the chair. The Irish Drug Association, under whose auspices the meeting was held, was represented by Messrs. M. Costello (president) and B. R. Smith (secretary); Messrs. P. A. Brady (president, Pharmaceutical Society of Ireland) and T. C. Scott (vice-president) were also present. The subjects discussed included the distribution policies of companies manufacturing certain veterinary and toilet lines, and the leakage of chemists' lines to unqualified traders; appropriate action was decided upon. Messrs. V. Tully, P. Ryan, T. Hopkins and T. J. McGuinness undertook to consider the formation of a Roscommon Chemists' Association.

Ulster Health Bill Debate.—During the debate on the money resolution of the Health Services Bill in the Northern Ireland House of Commons on November 5, Mr. Herbert Quin gave the views of the Pharmaceutical Negotiating Committee. He urged either that, as chemists' shops could provide any necessary service, pharmaceutical services should not be included in the proposals for health centres, or that the Minister of Finance should make provision for compensation to be paid to chemists whose businesses were adversely affected by health-centre dispensing. Mr. Quin was supported by Messrs. F. Thompson and H. Minford. The Minister said the chemists' case would undoubtedly be considered by the Minister of Health, and the money resolution was passed without a division. An amendment to the Bill has been tabled by Mr. F. Thompson to delete any reference to the provision of pharmaceutical services in health centres.

Associates' Section Officers.—At a meeting of the Associates' Committee of the Ulster Chemists' Association, held on October 23, Mr. J. G. McGivern was elected *Chairman*. Other appointments were *Vice-chairman,* Mr. A. McWhinney; *Secretary,* Mr. V. J. Elliott; *Treasurer,* Mr E. B. Williamson; *Representatives to Joint Council,* Messrs. J. G. McGivern, A McWhinney and S. McMurray, and Mrs E. H. Barr; *Auditors,* Messrs. J. R. Guile and P. A. McKenzie; *Representatives t Executive Committee* (by invitation) Messrs. E. G. Mackle and A. G. Bryson Mr. James Coulter was co-opted as hos pital dispensers' representative. It wa unanimously agreed that unregistere female assistants entering pharmacy afte July 1 should be accepted for full member ship of the Associates' Section. The follow ing applications for associate membershi were approved: Miss Monica Sweene (pharmaceutical chemist); Mr. M. J McAteer (apprentice).

OVERSEAS NEWS

American Chemical Society.—Amon the 809 papers presented to the 112th mee ing of the American Chemical Society i New York in September were a numbe of particular interest to pharmacy. In symposium on insecticides a group of ne agents, piperonyl cyclonene and relate compounds, which are almost completel non-toxic to warm-blooded animals, wer described by Hedenburg and Wachs, Ne York. In the biochemistry section Gardne (Hoffman-La Roche, Inc., Nutley, Ne Jersey) said, in a paper relating animal ex periments with possible effects on huma beings, that pantothenic acid was the chie longevity factor in royal jelly, the food c queen bees. Pantothenic acid lengthene the lives of fruit flies by about 27 per cent while a 46 per cent. extension of life wa obtained when a mixture of pantotheni acid, pyridoxin, sodium yeast nucleate, an biotin (all royal-jelly constituents) wer used. The alcohol form of vitamin A wa of particular use to children with cysti fibrosis, said another speaker. Commercia samples of synthetic vitamin A were show by Cawley and other workers from Di tillation Products, Inc., Rochester, N.Y Skipper (Southern Research Institute, Bi mingham, Alabama) stated that radioactiv carbon was being used at his laboratory t investigate the activity of urethane i leucæmia and cancer. Perlman (Universit of California), in a paper describing som of the properties of curium (element 96 said that the element emits alpha particle at the rate of 70 billion per minute.

TOPICAL REFLECTIONS

ublicity for "C.F."

The announcement that the Chemists ederation proposes to launch a publicity ampaign (p. 555) is welcome. The appeal to be fourfold—to chemists, to the public, the medical profession, and to Government departments. It might have been hought that by this time every chemist in usiness was convinced of the value of the .F. scheme. But even if this is so, there much to be done by way of judicious ropaganda in enlightening the other three roups. Not having seen a copy of the .F. circular, I have no idea what conderations are presented in it. One factor importance at the present juncture may, owever, be emphasised. As the time for ringing the National Health Service into peration draws nearer, there is some risk hat, in the discussion of such details as e daily Press can find space for, the lace of pharmacy, and especially of chemts' shops, in the new service will be overoked or ignored. Any systematic effort obviate this possibility deserves the tmost support. The experience of the ational Pharmaceutical Union Executive 1934 in attempting to bring a publicity heme to completion should be useful now. he data then accumulated have, no doubt, en kept for reference. For fairly obvious asons the present appeal is more likely succeed.

odern Prescribing

The vivacious address of Professor D. M. unlop at Glasgow (p. 569) presents an p-to-date conception of prescribing. The bles are completely turned when, as there, teacher of medical subjects makes fun his students. In spite of his chaff of the hysician of 1910 who "descended so imressively from his carriage and pair in his p hat and frock coat," Professor Dunlop dmits, by inference, the virtue of "wise nd sympathetic advice." In what respects, en, does the physician of 1947 differ from is top-hatted predecessor of 1910? Chiefly, think, in prescribing "single potent drugs adequate dosages for definite and specific urposes." Pereira's description of a mixure as consisting of basis, auxiliary, corective and vehicle no longer corresponds normal practice, and if cited in a hosital lecture theatre would probably be eceived with derision. We need not comlain of this. Each ingredient should pull s weight in a therapeutically effective combination. For pharmacists who read this address two points are outstanding. The first point is that whatever medical practitioners may be supposed to remember about doses of "the less common drugs," pharmacists should train themselves to memorise doses of all drugs and chemicals usually sold and dispensed, and should know where to trace at a moment's notice those of substances too new to have been included in current books of reference. The second point is that with the continued shrinkage in the number of ingredients in ordinary prescriptions, chemists in business cannot afford to neglect sales of goods usually regarded as side-lines.

Plain English

The British Association of Chemists' report, entitled "Education in Chemistry" (p. 572), is of wide application. Most of us would probably have been improved by receiving a better education, or alternatively by making a better use of the education we received. One remark in the Association's report suggests a brief comment: the need for so ordering a student's education that he can express his thoughts adequately in writing and in speech. Men of science, it has been said, are the only people who have something worth saying —and they do not know how to say it. Sir Arthur Quiller-Couch's series of lectures on the art of writing, a book several times reprinted, was brought to my notice a few weeks ago. These lectures have a personal tone that makes them entertaining as well as instructive. A student of science may object to spending time on such a book, on the grounds that he is not intending to write with literary finish. But let him select from its pages what appeals to him. The chapter on jargon, for instance, will give hints. "Whenever," writes the author, "in your reading you come across one of these words, *case, instance, character, nature, condition, persuasion, degree* . . . pull yourself up and take thought." Among the many examples quoted as warnings I select this: "A singular degree of rarity prevails in the earlier editions of this romance." There is no place for this kind of verbiage in a scientific monograph. To state scientific ideas simply and unambiguously is an accomplishment attained only through a careful study of the best examples in literature followed by hard work and practice.

Xrayser

COMPANY NEWS

MAY EVANS (CHEMISTS), LTD. (P.C.).—Capital £1,500. William H. Rees, Mrs. Maud Williams and Alcwyn Thomas, directors. R.O.: Cross Hands, Llanelly.

NEW ERA CHEMICALS, LTD. (P.C.).—Capital £1,000. To carry on the business of chemists and druggists, etc. Leonard I. Brett, director. R.O.: 56 Wool Exchange, Coleman Street, London, E.C.2.

ELGIN LABORATORIES, LTD. (P.C.).—Capital £1,000. To carry on the business of examiners and analysers of substances or liquids, to increase medical or surgical knowledge, etc. Berthold P. Wiesner, and Howard T. Halper, directors. R.O.: First Avenue House, High Holborn, London, W.C.1.

D. PARRY, LTD. (P.C.).—Capital £1,000. To acquire the business carried on by Elizabeth A. Parry at 64 Arthur Road, Wimbledon Park, London, S.W.19, and to carry on the business of chemists, druggists, opticians, photographers, perfumers, etc. Mrs. Elizabeth A. Parry and Gilbert Martin, M.P.S., directors.

REGINALD LOFTUS PHOTOGRAPHIC, LTD. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in photographic goods, chemists, etc. Reginald Loftus, M.P.S., King Edward Avenue, Southampton, and Lily H. Bostock, 215 Bitterne Road, Southampton, directors. R.O.: 59 New Road, Southampton.

WILLIAMSON PRODUCTS, LTD. (P.C.).—Capital £3,000. To carry on the business of manufacturers, packers and distributors of and wholesale and retail dealers in chemists' and druggists' sundries, etc. Nathaniel W. Holmes, M.P.S., and Alan S. Holmes, directors. R.O.: 1A Newthorpe Street, Nottingham.

D. R. N. BROCKLESBY, LTD. (P.C.).—Capital £1,000. To carry on the business of consulting, analytical, manufacturing, pharmaceutical and general chemists, etc. David R. N. Brocklesby, M.P.S., and Mrs. Monica S. Brocklesby, directors. R.O.: 312 Green Lanes, Small Heath, Birmingham.

INTERNATIONAL DRUG PRODUCTS, LTD. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in patent medicines and proprietary articles, medical, dental and veterinary preparations and drugs, etc. Walter R. Williams, director. R.O.: Sardinia House (First Floor), 52 Lincoln's Inn Fields, London, W.C.2.

ARMOLENE (EXPORT) CO., LTD. (P.C.).—Capital £2,000. To carry on the business of manufacturing and general chemists and druggists, manufacturers of, dealers in and exporters of toilet requisites, boxes and cases, etc. Arthur Edwards and James B. Fleming, directors. R.O.: 21 Hanover Street, Liverpool.

UNIVERSAL CHEMICAL INDUSTRIES (LONDON), LTD. (P.C.). — Capital £1,000. To acquire the business of chemists now carried on by the Universal Chemical Co. Harold G. Brass, Arthur J. Penfold, William I. Morgan, Alfred J. Reece and Sidney Randall, directors. R.O.: 341A Ladbroke Grove, London, W.10.

WILLIAM RANSOM & SON, LTD.—Mr. J. W. H. Chappelle has been made a director of the company.

TIMOTHY WHITES & TAYLORS, LTD.—Mr. G. I. Rushton, M.P.S., managing director of Timothy Whites & Taylors, Ltd., Taylors Drug Co., Ltd., Taylors (Cash Chemists), Midland, Ltd., Taylors (Cash Chemists) London, Ltd., and Timothy Whites Drug Stores, Ltd., has been appointed vice-chairman of the companies.

A. BOAKE, ROBERTS & CO., LTD.—The shareholders are to be asked to approve a proposal to increase capital to £537,500 by the creation of 200,000 new £1 preference shares and 150,000 new 5s. ordinary shares. It is further proposed to divide the existing £1 ordinary shares into four shares of 5s. each and to convert the existing 5s. shares into stock units.

BUSINESS CHANGES

VITAMINS, LTD., have appointed Mr. Arthur Macfadden their West End and Central London medical representative.

HOWARD-TAYLOR, LTD., 94 Balham High Road, London, S.W.12, have appointed Dr. H. L. McDonald their technical representative.

THE BRITISH RUBBER DEVELOPMENT BOARD has removed to Market Buildings, Mark Lane, London, E.C.3 (Telephone: Mansion House 9383).

MR. K. SCATCHARD, M.P.S., F.B.O.A., has acquired the business at 741 Pollokshaws Road, Glasgow, formerly carried on by Mr. W. J. Moffat.

CALLANDER & TULLY, LTD., wholesale manufacturing chemists, have acquired the business of John T. Coats & Co., Ltd., 109 Broughton Street, Edinburgh, 1, and are transferring it to 9 Victoria Street, Edinburgh, 1.

PARKE, DAVIS & CO., 50 Beak Street, London, W.1, have appointed Mr. E. H. Lambert, M.P.S., general sales manager for Europe, the Near and Middle East, and Africa. Mr. Lambert was formerly the company's home sales manager.

MR. E. T. TAYLOR has been appointed sales manager for the United Kingdom of Yardley & Co., Ltd., 33 Old Bond Street, London, W.1. The company's export manager is Mr. F. P. O'Hagan. [Corrected note.]

MARRIAGE

McINTOSH-NISBET.—In Edinburgh, on November 3, Captain William Grant McIntosh, R.A.M.C., to Grace Nisbet, M.P.S., only daughter of Mr. William Herbert Nisbet, M.P.S., 111 Leith Walk, Leith.

DEATHS

BARNETT.—On October 31, Mr. John Arthur Barnett, Ph.C., Broadstone, Wimborne, Dorset, aged eighty-nine. Mr. Barnett qualified as a chemist and druggist in 1880 and passed the Pharmaceutical Chemist examination the following year, becoming a life member of the Pharmaceutical Society. He had been living in retirement for over forty years.

BUTLER.—At the West Middlesex Hospital, London, on November 9, Mr. Ernest Charles Butler, Ph.C., 73 Shacklewell Lane, London, E.8. Mr. Butler qualified in 1894 and passed the Pharmaceutical Chemist examination the same year. Until March 31 of this year he was chairman and managing director of Willows, Francis, Butler & Thompson, Ltd., wholesale chemists, London. At that date he relinquished the chairmanship but remained on the board as vice-chairman. The funeral took place at Chiswick cemetery on November 13.

CANNELL.—On September 3, Mr. John Wilfred Patrick Cannell, 150A 16th Avenue, Calgary, Alberta, Canada, aged seventy-three. Born in Carmichael, Isle of Man, Mr. Cannell studied at the London College of Pharmacy, and qualified as a chemist and druggist in 1896. He migrated to Canada in 1910 and opened pharmacies in Calgary. In 1920 he removed to Rosedale, but returned to Calgary in 1925, retiring in 1927.

McALLISTER.—On November 3, Mr. Thomas McAllister, Ph.C., managing director of McAdam & Bates, Ltd., the Omagh Pharmacy, Omagh, co. Tyrone, Northern Ireland, with which he had been associated for thirty-five years. Mr. McAllister was registered with the Pharmaceutical Society of Northern Ireland in 1929. Previously he was a member of the Pharmaceutical Society of Ireland.

MAGOWAN.—Suddenly, at Westport, Tarbolton, Ayrs, on November 2, Mr. Gilmour Young Magowan, M.P.S., aged forty-two.

MARSHALL.—At 12 The Dunterns, Alnwick, Northumberland, on November 1, Mr. Henry Marshall, M.P.S. Mr. Marshall qualified as a chemist and druggist in 1891.

OGG.—At 23 The Rise, Edgware, on October 26, Mr. George Ogg, formerly of Newmarket Street, Ayr, aged eighty-five.

ROKER.—At the Cottage Hospital, South Molton, Devon, on October 27, Mr. Cecil Roker, M.P.S., 18 Broad Street, South Molton, aged thirty-seven.

STEVENSON.—At his home, The Grange, Kingswood, Surrey, on November 3, Mr. Ronald William Stevenson, aged fifty-four. Mr. Stevenson was the elder son of the late Mr. William Stevenson, of Eaglehurst, Ditton Hill, Surrey, co-founder in 1882 of the business of Stevenson & Howell, Ltd., essence manufacturers. Educated at Marlborough College and at Pembroke College, Cambridge, Mr. R. W. Stevenson left the university at the outbreak of the 1914-18 war and served with distinction throughout, being awarded the Military Cross on his discharge in 1919. He then joined the company. The following year he was elected to the board of directors, and in 1930 succeeded his father as joint managing director with Mr. V. J. Tilley. In 1946 he was elected chairman of the company. Mr. Stevenson was well known in trade circles as a member of the executive committee of the British Essence Manufacturers' Association, vice-chairman of the Essence Export Group, and a member of the committee of the essential oil importers' section, London Chamber of Commerce. A distinguished sportsman, he was outstanding in hockey, gaining his blue and representing England for several years following the 1914-18 war. He is survived by his widow, a son and a daughter.

TIMMINS.—On November 7, Mrs. Gertrude Timmins, the wife of Mr. A. Timmins, M.P.S., Worsboro Bridge, Barnsley, Yorks.

WHITAKER.—At his home, 204 Ashby Road, Loughborough, Leics, on November 2, Mr. Albert Whitaker, aged seventy-eight. For thirty-five years, prior to setting up in business on his own account, Mr. Whitaker was manager for Boots, Ltd., Loughborough. He went to Loughborough fifty years ago to open the company's first branch in Biggin Street. The branch was subsequently transferred to 10 Market Place and later to the present premises at 15 Market Place. About twenty years ago, after thirty-five years as manager, Mr. Whitaker commenced business as an optician at Latimer Chambers, Market Place. He later retired after disposing of the business.

FINES FOR PURCHASE-TAX EVASIONS

At Old Street, London, magistrates' court, on October 27, Terence Cunard Arrowsmith, 31 Addison Gardens, London, W.14, Reginald Guy, also of Addison Gardens, and Arrowsmith's father, Herbert Edgar Arrowsmith, were summoned for having been "knowingly concerned in taking steps with a view to a fraudulent evasion of purchase tax." All pleaded guilty. Terence Arrowsmith and Guy were each fined £10, and Herbert Arrowsmith was fined £200, with £10 10s. costs.

Written Statement

Opening the case for the prosecution, Mr. Willis said he understood that the partnership between the younger Arrowsmith and Guy had been dissolved; it had been registered for purchase tax. On January 2, 1947, a Customs investigation officer and an officer of the Board of Trade went to 31 Addison Gardens and saw Terence Arrowsmith, who admitted that the firm had "sold a bit of stuff off invoice." The following day he made a statement in which he said that, in March 1946, a man named Reginald Guy, who was living next door, announced that he was applying for a licence to manufacture cosmetics. Having heard that Arrowsmith's father had been in the business, he thought that the latter could give him some advice on the matter. Later it was arranged that he (Terence Arrowsmith), as a disabled ex-Serviceman, should apply for a Board of Trade licence to manufacture cosmetics and that, if the licence were granted, he should enter into partnership with Guy as a firm of cosmetic manufacturers. He then applied to the Board of Trade and was granted a temporary licence to export only, pending the issue of an ordinary licence if the Ministry of Labour was prepared to class him as a disabled ex-Serviceman. On April 8, 1946, an agreement of partnership was signed between Terence Arrowsmith and Guy, both of them making a payment of £50 into the business. In June 1946 Arrowsmith was granted an ordinary licence to manufacture controlled cosmetics.

The statement went on: "My partner told me he paid £5 to a certain person for an introduction to the firm of Henri Bernard & Co. Guy then secured orders for cosmetics from Henri Bernard & Co., and we delivered goods accordingly. In September 1946 a man named Solomon Wilenitz, whom I knew as being associated with Henri Bernard & Co., came to see me and my partner at our business address, 29A Addison Gardens. Wilenitz showed us his formula for making hair cream, told us that if we were prepared to make the hair cream his firm would purchase all we made, and said Henri Bernard & Co. were prepared to accept half the hair cream on invoice and half without invoice on each delivery. Before making a decision I asked the advice of my father on the matter. He agreed. So my partner and I then agreed with Wilenitz to accept his proposal."

The statement then gave details of alleged supplies, to Henri Bernard & Co., of quantities of hair cream, brilliantine, and eau de Cologne. It also told of a sale to a Mr. Stockwell, Ealing, of eau de Cologne and lavender water, and of a sale to a Mr. G. A. Allen, Hayes, Middlesex, of hair cream and brilliantine. "I would be glad of the opportunity of making good the purchase tax I failed to charge on the goods I sold without invoice to Mr. Stockwell and Mr. Allen," the statement ended.

Two Kinds of Evasion

The fraud, said prosecuting solicitor, fell into two parts: the sales to Henri Bernard & Co. (who were also registered for purchase tax) and the sales to Allen and Stockwell, in which cases the defendants evaded purchase tax directly. The amount of purchase tax lost was £274 4s.

Solicitor for the defence said that, of the £274 which had been mentioned, something like £17 represented sales to Stockwell and Allen, and some £250 represented sales to Henri Bernard, who were registered wholesalers. Defendants had already settled up with the Customs and Excise in respect of the purchase tax due on the sales to the two retailers. He suggested that the partners found themselves committing offences largely because circumstances drove them that way, and they had not got the character to fight it. Mr. Arrowsmith, senior, now realised that he had given the other two appallingly bad advice, and he had accepted responsibility for so doing. They were small-time fraudulent persons, doing it for the first time and making little out of it. They had learnt their lesson. In announcing the penalties the magistrate said that he had made every allowance for what had been said. By reason of defendants' frankness, other more important offenders might be dealt with.

TRADE NOTES

Business as Usual After Fire.—Butler & Crispe, 80 Clerkenwell Road, London, E.C.1, announce that, although part of their premises was destroyed by fire on November 9, they are dealing with orders as usual.

New Mouth-wash.—Tell Products, Ltd., manufacturing chemists, 22 Rosemont Road, London, N.W.3, have introduced Tellodont gargle and mouth-wash, which is being extensively advertised. An announcement about the product appears on another page.

Reduced Prices.—Glaxo Laboratories, Ltd., Greenford, announce that the retail prices for diphtheria-pertussis combined prophylactic, Glaxo, and whooping cough alum-precipitated vaccine, Glaxo, were reduced on November 10. A new combined prophylactic pack in 2.5-c.c. vials has been introduced.

Prices Increased.—BURROUGHS WELLCOME & Co., London, N.W.3, announce that the retail price of Tabloid brand metoquinol developer has been increased.—A. L. SIMPKIN & Co., LTD., chemists' confectioners, Sheffield, announce elsewhere in this issue an increase in the price of Vitaglucose.

Distributing Agents.—Percenta, Ltd., Percenta House, 130 Tooley Street, London, S.E.1, have taken up on behalf of the manufacturers the sales distribution of a machine-made, flat-bottomed glass tube with cork mouth. They are now accepting orders for delivery in 1948. Both home and overseas inquiries are invited.

The Only Lipbrush Rouge.—Owing to a printer's error, Rimmel's lipbrush rouge, which was introduced this year by Rimmel Distributors, Ltd., 48 North Row, London, W.1, and is described as "the only lipbrush rouge," is incorrectly described in an announcement on another page of this issue. The error was not discovered until the section of the paper in which the announcement appears had already passed through the machines.

Now Available.—HOWARDS & SONS, LTD., Ilford, London, announce that Howards' quinine is now available.—SANDOZ PRODUCTS, LTD., 134 Wigmore Street, London, W.1, state that dihydroergotamine-Sandoz (laboratory number, D.H.E.45), which is described as "an important sympathetic sedative with no action on the uterus" is available. The preparation has a similar action to ergotamine in migraine, but with enhanced sympathicolytic activity and reduced toxicity. The product is presented in 1-c.c. ampoules in boxes of three, six, 50 and 100, and as a 0.2 per cent. oral solution in bottles of 15 c.c.

Redesigned Pack. — P.L.B. cough lozenges, manufactured by Lax-Vita, Ltd., 66 Victoria Street, London, S.W.1, are

being issued in a new and attractive pack designed and produced by Alf Harrison & Sons, Ltd., chemists' printers, Leeds, in a colour scheme of yellow and black. Limited supplies of the product are available.

Humus Manures.—A twenty-page booklet dealing with the Devon humus manures which are manufactured by Peat & Charcoal, Ltd., 24 Union Road, Exeter, has been issued by the company. It catalogues in various classes the products issued by the company and reprints the introductions from the 1947-48 catalogues. A copy will be sent to any chemist on request.

Proprietary Articles Trade Association

Additions to Protected List (Part 1). — *Boon Doral, Ltd.*, Boon skin emulsion, 4-oz., 20s. doz., tax 3s. 4d. doz., inclusive retail price 2s. 9½d.; skin-salve, 2-oz., 20s. doz., tax 3s. 4d. doz., i.r.p. 2s. 9½d.; pine essence, 8-oz., 24s. doz., tax 4s. doz., i.r.p. 3s. 4d.; germicidal antiseptic, 14s. doz., tax 2s. 4d. doz., i.r.p. 1s. 11½d., less 2½ per cent. for settlement within thirty days. Quantity discounts: 5 per cent. on orders over £5 value; 7½ per cent. on orders over £20 value.

Additions to List (Part 2).—*Boon Doral, Ltd.*, Doral shampoo, 4-oz., 18s. doz., tax 6s. doz., i.r.p. 2s. 9d., less 2½ per cent. for settlement within thirty days. Quantity discounts: 5 per cent. on orders over £5 value assorted with medicinal lines; 7½ per cent. on orders over £20 value assorted with medicinal lines.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

EXPORTS continue to dominate Parliamentary thought. On November 4 MR. CHRISTOPHER SHAWCROSS asked the Minister for Economic Affairs (Sir Stafford Cripps) what steps he proposed to take to secure that manufacturers of articles for export having a high conversion value would receive priority in the supply of materials and labour. MR. MARQUAND (Paymaster General) replied. He said that, with regard to materials, the existing priority system was under review. Meanwhile steps had already been taken to ensure that manufacturers of articles for export having a high conversion value should receive special consideration. The work of such manufacturers was automatically recognised as essential when placing workers under the Control of Engagement Order, and priority in the supply of labour was given to individual undertakings of this sort whenever this was found to be necessary. On November 6 MR. J. A. SPARKS asked the President of the Board of Trade what advice he was giving to industries that would now change over to production for export, as to the kinds and types of goods and commodities that would find a ready market abroad.

MR. HAROLD WILSON: "There is no general advice that can be given to industries or firms on the type of goods that will sell abroad. This must be a matter for individual choice, and is partly determined by the firm's manufacturing capacity. But firms can be helped in making their choice by the supply of information about the general classes of goods in demand in each overseas country, the existence of barriers to sale such as import restrictions, and the names of potential purchasers. Much of this information is published in the "Board of Trade Journal" and otherwise, but the best guidance can be given in interviews with representatives of individual firms, who should approach the regional export officers of my department." Mr. Wilson thought the Board of Trade received very quick information of changes in likely markets—"but we are going into the whole question of the information we get from overseas and its propagation among industrialists in this country."

Deaf Aids

SIR ERNEST GRAHAM-LITTLE asked the Minister of Health whether, in view of the need to reduce public expenditure and conserve man-power, he would consider making a grant to deaf persons in need of hearing aids, so that they might obtain reliable proprietary aids instead of setting up a new organisation for their manufacture and distribution; and whether he would permit the British hearing-aid industry to submit a scheme that had been prepared.

MR. ANEURIN BEVAN. No. I am satisfied that the public interest will best be served by adhering to the policy already adopted of producing and supplying the aid devised by the Medical Research Council and Post Office Research Department.

Deaf aids formed the subject of another question on November 6, when Mr. Herbert Morrison was asked by MR. F. J. ERROLL how many prototypes of the two-piece deaf aid now being manufactured for free supply to the deaf had been produced; how many had been tried out on deaf persons, and for what periods of time; and whether those persons had been given an opportunity of comparing the Government deaf aid with the best types of deaf aid currently available."

MR. MORRISON: For the final tests, four working models were made of the hearing aid designed by the Electro-Acoustics Committee of the Medical Research Council. These models were tested at clinics in London and Manchester on twenty-seven persons suffering from various degrees of deafness and well practised in the use of aids. The individual tests of the aid lasted about three hours. Comparison was made in each case with the patient's own previously prescribed aid, and also with a highly recommended American instrument. Twenty of the patients heard best with the new aid, and three others equally well. All the subjects commented on the exceptionally good reproduction of speech given by the new instrument and preferred it on that account.

Cholera Vaccine for Egypt

MR. ERNEST BEVIN told DR. S. SEGAL on November 6 that 1,400,000 doses of cholera vaccine had been sent from Britain to Egypt. Of that total, 155,000 c.c. was supplied from stock at the time of the outbreak; it had been manufactured on or after June 1946. The balance was manufactured in September and October 1947. Over 1,800,000 c.c. of that quantity had been supplied by British firms to the order of the Egyptian Government.

opra

Mr. Rees-Williams (Under Secretary r the Colonies) told Mr. John Parker at, up to October 25, 963 tons of copra d been produced in the British Solomon lands Protectorate since the war. Of is, 554 tons had been exported, against average yearly export of copra between 36 and 1941 of 21,000 tons; production as increasing.

mported U.S. Shampoos

Sir Waldron Smithers asked the resident of the Board of Trade how much ampoo made in America had been imrted from the United States during the st twelve months, and what was the st in dollars. Mr. Harold Wilson reied that the information was not availble, as imports of shampoo were not separtely distinguished in the trade returns. No licences had been issued for import into Great Britain of any such commodities involving payments in dollars.

Sugar for Pharmaceutical Products

Mr. F. W. Skinnard asked the Minister of Food whether he was prepared to increase the allocation of sugar to British manufacturers of pharmaceutical products who were resuming normal peace-time production after six years of restriction of output to medicines and anæsthetics required for H.M. Forces. Dr. Edith Summerskill said she was not aware that any British manufacturer of pharmaceutical products whose output had hitherto been restricted to medicines and anæsthetics required for the Forces had subsequently been refused an increase in his sugar allocation, but she undertook to investigate any case that might be submitted to her.

PERSONALITIES

Mr. J. Williamson, M.P.S., Manor louse, Sprotboro', Doncaster, Yorks, visited e Leipzig Autumn Trade Fair.

Mr. Alexander Macdonald, M.P.S., 32 ictoria Road, Elgin, has been awarded e silver medal of the Pharmaceutical ociety.

Mr. George Cairns, M.P.S., 12 Sand-ed, Hawick, has been elected chairman of e Hawick Savings Bank. He replaces Mr. . E. Wilson, a retired pharmacist, who s held office since 1921.

Mr. Clifford Evans, M.P.S. (social cretary of the Western Pharmacists' ssociation) was installed Worshipful laster of the Portcullis Masonic Lodge o. 6085, at a ceremony in London cently.

Mr. W. J. Brown, Ph.C., The Bull ing, Ludlow, Salop, is to continue as ayor of the town for a further year. Mr. rown has been a member of the town ouncil for twenty-six years. In 1937 he as appointed an alderman.

Mr. N. C. Wright, M.A., D.Sc., Ph.D., as been appointed chief scientific adviser the Minister of Food. Dr. Wright, who as had a long connection with veterinary nd allied problems, is seconded by the Iannah Dairy Research Institute. In 944-45 he served as livestock member of e Scientific Advisory Mission to the Iiddle East. He was a member of the ecretariat of the British Commonwealth cientific conference held in Britain in 1946.

Successful candidates in the recent municipal elections include Messrs. B. S. Clarke, M.P.S., chief pharmacist, Moorfields, Westminster, and Central Eye Hospital, City Road, London, E.C.1 (Southend-on-Sea); A. L. Kitching, M.P.S., (Wolverhampton); Mrs. P. McArthur, the wife of Mr. P. McArthur, M.P.S. (Carnoustie); and Mr. T. A. Parker, M.P.S. (Grimsby). (See also *C. & D.*, November 15, p. 567).

Mr. F. Lloyd Warren, Ph.D., M.A., B.Sc., who was the lecturer at a recent joint meeting of the Western Pharmacists' Association and National Association of Women Pharmacists (see p. 587) was attached for several years to the Chester Beatty Research Institution at the Free Cancer Hospital, London, before taking up his present appointment. He has been engaged on cancer research for a total of thirteen years. During the 1939-45 war he acted as a Gas Identification Service control officer for a London region.

Professor Earl A. Evans, jun., who is to be head of an American scientific mission to be established in London (*C. & D.*, November 8, p. 558), has been professor in the department of biochemistry University of Chicago, since 1942. In 1940-41 he worked in Sheffield, England, as holder of a Rockefeller fellowship. Professor Evans' work has been on the chemistry of insulin, the intermediate metabolism of carbohydrates, and radioactive isotopes. He is a member of the Biochemical Society (of Great Britain).

PROPRIETARY REMEDIES EXPORT GROUP

THE following extracts are taken from the annual report of the Proprietary Remedies Export Group presented to the general meeting of members, held in London on Thursday, November 6. The following statistics for 1946 and 1947 show the rise in exports over the figures for 1938, when the monthly exports for proprietary medicines averaged £112,940.

	1946	1947
January	£327,699	£411,883
February	395,414	380,148
March	384,294	436,533
April	282,938	374,074
May	461,413	429,996
June	240,457	447,160
July	431,755	643,660
August	455,430	460,596
September	346,877	560,640

The value of the Group's exports during the last quarter of the year must inevitably bear a relationship to the difficult situation which has arisen from the curtailment of import facilities in many markets which form the basis of our export trade. The situation has become aggravated by the action of the Colonial Office in advising the import control authorities in the Colonies to refuse to grant import licences for British goods considered to be non-essential. Although it has been stated that the object of the directive was to enable goods to be diverted to dollar and hard currency markets, the action is most regrettable and very unfortunate since there have been indications that Colonial buyers are turning to other sources of supply. It is the definite view of your Executive that unless there be an early relaxation in the licensing control in the Dominion and Colonial countries (to which we send over 70 per cent. of our exports) it will be impossible to reach even the export figures previously achieved, and far less the target now set up for the industry.

Group Luncheon

MR. F. A. S. GWATKIN (chairman) presided at the luncheon which preceded the annual meeting and was supported by his officers and a representative gathering of members and the secretary of the Export Group (Mr. J. S. Walmsley). The guests included Mr. A. G. Bottomley, M.P. (Secretary for Overseas Trade). In proposing the toast of "His Majesty's Government," MR. GWATKIN said they were honoured to have as their chief guest, Mr. Bottomley, the Government's representative for the promotion of exports. Their target for 1948 had been fixed at £6 millions and he knew the members of the Group were concerned with the various difficulties with which they were now confronted and which threatened to retard their efforts. Production up to maximum capacity was not yet possible owing to lack of supplies of some raw products and packaging materials, but they were chiefly concerned with the sudden closure of many of their best markets at the direction of the Colonial Office. He was informed that the object of that order was to divert their prepacked goods from the soft-currency countries of the Empire to hard-currency foreign markets. He (the chairman) would like to make it very clear to the Government that, from their long experience, they knew it was not a practicable proposition to sell their goods in the majority of the hard-currency countries for reasons of high tariff walls and adequate domestic production. The Colonial markets which had been closed to British goods were now looking elsewhere for their supplies of prepacked medicines, and this would mean that they would lose their best overseas customers unless these vital markets were quickly reopened to them. It would be quite impossible for the Group even to maintain their exports at recent totals, much less improve on them, as they had been requested to do by the Government, unless the Colonial Office directive was withdrawn forthwith, and he would ask Mr. Bottomley to give this matter his urgent attention.

MR. A. G. BOTTOMLEY, in responding, said he was glad of the opportunity of meeting the manufacturers of proprietary medicines. Compared with some industries, the value of their exports might seem rather small but it was the aggregate of the country's overseas trade that mattered, and the achievement of their target of £6 millions in 1948 was essential to the success of the national effort. He was well aware of their many difficulties in connection with the shortage of materials and packages, but could hold out no prospect of any immediate improvement in these matters. Referring to the Colonial Office ban on British goods, Mr. Bottomley said "The responsibility is ours." He had noted the chairman's remarks on the subject and would go into the matter more carefully.

NATIONAL PHARMACEUTICAL UNION

HE monthly meetings of the Executive of e National Pharmaceutical Union and of e directors of the Chemists' Defence ssociation were held in London on Octo- r 29, Mr. G. H. M. Graham in the chair. message of condolence and sympathy was tended by the chairman to Mr. Seaton the death of his wife.

Mr. H. Steinman was presented with a plica of the chairman's badge, and con- atulations and birthday greetings were tended to the secretary (Mr. G. A. allinson). Congratulations had previously en sent to Mr. John Hague on attaining is golden wedding anniversary (Mr. lague retired from the Executive earlier the year, after having served the Union nce its foundation).

Notice was reported received that the re- llocation of supplies of the vial pack of enicillin between the home and export arkets had been deferred to alleviate a ortage still being experienced in the ome market.

Welfare Foods

The distribution of welfare and proprie- ry foods, etc., at present undertaken by linics and by local offices of the Ministry of ood, was once more reviewed, and the ecretary was instructed to communicate gain with the Ministry of Food. It was mphasised that the distribution of foods, ogether with other items such as vitamin ablets, orange juice, cod-liver oil, etc., was pecifically the business of a chemist.

National Health Service

The report of a joint meeting of the entral N.H.I. and Joint Contractors' ommittees held on October 28 was re- eived. The Secretary reported he had ttended a meeting of the steering com- mittee of the Working Party (see *C. & D.*, October 11, p. 440) held at the offices of the Ministry of Health on October 17. The report of a meeting held on October 3 dealt with proposals to set up a pharma- ceutical Whitley Council. The following were appointed to attend a conference on the subject (held at the Ministry of Health on October 30) as representatives of the N.P.U: Messrs. Hearle, Heseltine, Graham (chairman), Brocklehurst and Steinman. Representatives of the Com- pany Chemists' Association, Co-operative Union, Guild of Public Pharmacists and Pharmaceutical Society had also been invited to attend. Proposals for amend- ments to the draft General Medical and Pharmaceutical Services Regulations were formulated for submission to the Ministry.

Local Organisation

The Local Organisation Officer (Mr. R. H. Kemp) submitted a report on work undertaken during the months of September and October. A number of personal calls had been made by the N.P.U. representative in the Nottingham and North Hampshire areas. Arrangements for the inauguration of a new N.P.U. branch serving Aldershot, Basingstoke and North Hampshire had been carried out. Arrangements had been made for speakers to attend branch meetings. Sixty-four applications for membership were confirmed.

War Distress Fund

A report by the N.P.U. War Distress Fund Committee on the period August 1946—July 1947 states that meetings have been held throughout the period to consider outstanding and new applications, mainly from pharmacists wishing to re-establish themselves in business. Since December 31, 1945, when the collection of funds was discontinued, small amounts totalling £118 were received. During 1946-47 fifteen grants totalling £5,375 were made. The balance in hand at July 31 was £24,265, including £1,500 reserved for uncompleted grants. No new applications for maintenance grants were received. The number of cases still outstanding was due to difficulty in locating suitable businesses. New cases numbered twelve. Mr. A. R. Melhuish was appointed *Treasurer* to fill a vacancy caused by the resignation from the Committee of Mr. R. Peck (treasurer of the Fund since its inception). Messrs. J. F. McNeal and H. Steinman, nominees of the N.P.U. Executive, were elected to the Committee. Information about possible further applications for assistance is invited by the Committee.

Chemists' Defence Association

The following claims for payments were approved: £10 10s. for damages claimed as an outcome of the dispensing of a prescription; £3 for personal injuries resulting from a fallen pavement outside a members' premises; £2 15s. and legal costs for personal injuries from first aid treatment; £1 for replacement of customer's shopping basket; £5 5s. for legal defence.

REPORT ON RESEARCH IN INDUSTRY

A SURVEY recently issued by the Industrial Research Secretariat of the Federation of British Industries gives the amount which British industry is spending annually on industrial scientific research as about £30 millions. The survey is estimated to cover approximately 75 per cent. of the nation's total industrial research efforts. Sixty-five replies received to a questionnaire sent to chemical manufacturers who each allot more than £1,000 per annum for research expenditure were analysed, and included in the survey are sixteen replies from scientific instrument makers and five from manufacturers of photographic materials. It is shown that three out of five manufacturers plan extensions to their research activities.

Chemical Group Statistics

In the chemical group (which included plastics) sixty firms were equipped with separate laboratories and thirteen were conducting research in their works. Sixteen firms were also conducting research for other manufacturers. The aggregate annual expenditure on research and development of the group amounted to approximately £5,166,000, or 24 per cent. of the total expenditure. Employees engaged in research, including some part-time workers, totalled 6,689, and of this number 2,340 possessed a university degree or equivalent qualification (1,798 were chemists; 172 biological scientists; and 167 engineers). Expenditure per unit of staff was £770 per annum, and per unit of qualified staff, £2,200. Nineteen chemical manufacturers stated that their research was of a comprehensive character, sixteen said that the scope of their researches was broad within a specialised field; eighteen conducted specialised researches, while twelve were strictly limited in their activities. Thirteen were well equipped for research work; eleven had special apparatus in addition to normal laboratory equipment; and several firms were willing to extend their research facilities to others on terms to be agreed. Special technical service in connection with their products was offered to clients by 88 per cent. of the firms. To the question whether the results of research should be published in the scientific and technical Press, 25 per cent. "adopted a liberal policy in the matter"; a further 63 per cent. published results "to a moderate extent"; eight firms published little or no results of research. Independent professional consultants were reported called in regularly by eleven chemical manufacturers, and occasionally by twenty-two other firms. Some 45 per cent. of manufacturers stated that they keep in touch to varying extents with universities and technical colleges, and seventeen have encouraged research at institutions by endowing them with fellowships or scholarships. Membership of co-operative research associations is claimed by 34 per cent. of those who gave information, while 70 per cent. were interested generally in arrangements for the exchange of scientific and technical information at home and with the Dominions and foreign countries.

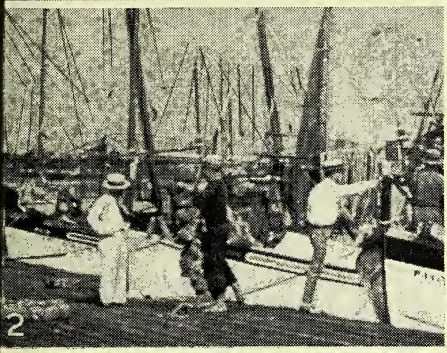
In a section of the survey devoted to plans for the future, half the firms consulted are shown to have been developing or expanding their research facilities during 1946-47. This has involved, or will involve, new building and additional staff. Over 450 more chemists (a 25 per cent. increase on the number employed at the beginning of 1946) and 122 biological research workers have been required during the year. Engineers, physicists, and other technologists have also been needed because of the changes. It is pointed out that plans to increase research staffs in British industry generally have been largely frustrated by a shortage of scientific man-power, an effect that has been intensified by the calling-up for national service of substantial numbers of scientists and engineers.

Changes to Meet New Conditions

In its comments, the F.B.I. Industrial Research Committee states that the present economic crisis must mean changes in industrial production and practice as a result of modified export needs to suit new markets, cuts in volume of imported raw materials, and changes in their character where home-produced raw materials can be substituted for those previously imported. All these will call for greatly increased efforts from industry's research staffs if, as is essential, Britain is to maintain and improve the quality and volume of her products under these limiting conditions.

Atomic Apprenticeship Queue.—Five hundred boys and girls answered the Ministry of Supply's advertisement for forty apprentices aged 15-18 for training in chemical analysis for atomic research.—"Daily Graphic."

WESTERN HEMISPHERE SPONGE PRODUCTION



Though the sponges of the West Indies and Florida have not the reputation of those from Greek and Turkish waters, Nassau in the Bahamas and Tarpon and Key West, Florida, are centres of sponge industries from which supplies are once more beginning to arrive in Britain. After an expedition that may have lasted months, the sponge boats (illustration No. 2) unload their catch for sun-drying and trimming, as at Nassau (No. 3) before being taken to a Sponge Exchange. In Florida, after being displayed for inspection (No. 1), sponges are sold by " silent " auction (No. 4), at which bids are jotted down and handed in, the lot falling to the bidder whose written figure is highest. Costs of collection have risen sharply since pre-war days. *Photos by courtesy, Leslie Marks & Co., Ltd.*

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OL. CXLVIII NOVEMBER 15, 1947 No. 3534

Someone Has Blundered

OR the second time within three weeks, a n on the import of British goods by the olonies, imposed at the request of the olonial Office, has been the subject of an nphatic protest from an export trade ganisation. At the luncheon of the Proietary Remedies Export Group on ovember 6 (p. 596), the chairman (Mr. A. S. Gwatkin), after pointing out that per cent. of the exports of British preicked medicines were shipped to Empire untries, said "It would be quite imposble for the Group to maintain its exports recent totals; much less improve on them, they had been requested to do by the overnment, unless the Colonial Office rective was withdrawn forthwith." In reonse to this appeal for action, the Secrery for Overseas Trade (Mr. A. G. Botmley), speaking for the Government, said: The responsibility [for the issue of the olonial Office directive] is ours." He had oted the chairman's remarks on the subct and "would go into the matter more refully." At the recent annual gathering the Toilet Preparations and Perfumery Ianufacturers' Federation (*C. & D.*, Novmber 1, p. 539), the president (Mr. L. J. Iatchan) urged the President of the Board Trade (Mr. Harold Wilson) "to take p the matter as one of importance and rgency with a view to having the Colonial ffice directive rescinded." In reply, Mr. Vilson said: "He would have the matter oked into without delay."

The reason given by both Government ookesmen for the issue of the Colonial Office directive was the diversion of British exports from Empire soft-currency markets to hard-currency foreign markets. Those of us who have experience of overseas trade are, of course, well aware that even where conditions are fairly favourable, it takes months, and sometimes years, to establish connections in an overseas market, and the particular requirements of markets differ widely one from another. Where there is either a high tariff wall or adequate domestic production, or both, as is the case in most hard-currency countries, export business in such markets is, as the chairman of the Proprietary Remedies Export Group said: "not a practicable proposition." Does the Government really believe this sudden diversion of exports involves no difficulties other than an alteration in the destination shown on the shipping documents? These trades—cosmetics and prepacked medicines—are asked suddenly to shift the direction of their export activities from receptive markets where their goods have, over the years, become well known and favoured, to markets where they are practically unknown, and where there are often prohibitive import tariffs and keen domestic competition.

Of late, we have heard quite a lot, possibly a little too much, of alleged inefficiency in industry, accompanied by the threat that, unless an industry makes itself efficient, it is in danger of being taken over by the Government, who, we are to assume, would quickly remedy the alleged inefficiency. At a time when many foreign markets are closed to British goods of these classes and when some of the self-governing Dominions have taken similar action, is it, we ask, efficient administration for the Government on the one hand to urge manufacturers to step up their exports, which, of course, involves them in the cost of production of some millions of pounds' worth of goods of types only suitable for particular overseas markets, and, on the other, and at the same time, to slam and bolt the doors through which up to 70 per cent. of these goods would pass to overseas buyers? We know that dollar-earning exports are to be preferred, but if hard-currency markets are "not practicable propositions" it seems to us to be the height

of folly for the Government to stop the shipment of goods to markets which were open to British exporters, albeit they were soft-currency countries. Such business, surely, would at least help pay for foodstuffs received from Empire countries.

The Colonial Office directive is forcing former Empire customers to purchase their goods from other sources; it is jeopardising the prospects of increasing British exports and placing British manufacturers and exporters in an impossible and dangerous position. Someone has blundered.

Shop Sales Rise

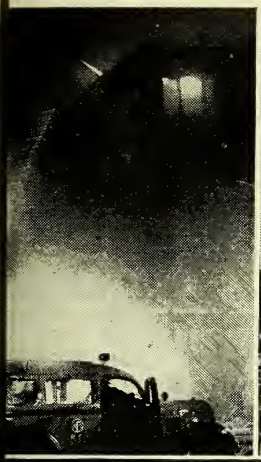
RETAIL trade statistics for September indicate a sharp overall rise in turnover, with total retail sales higher than in any previous month of the year. One of the largest advances (the third highest in Board of Trade Classes) was in chemists' wares (which includes medical and surgical goods, toilets and cosmetics, photographic and optical products). This showed an increase of nearly 33 per cent. (see p. 585) over the September 1946 figure. Although a seasonal rise in sales of medicinal items is normal in September, additional explanations must be sought for the full extent of the rise. Cosmetic and toilet preparations have been more freely available in shops if not in great variety, and Christmas gift buying appears to have begun earlier than usual. Recent reports that exports are to be increased at the expense, to some extent, of the domestic market, have almost certainly resulted in increased spending. Pre-budget buying, in anticipation of increases in the rate of purchase tax on many articles, is reported from various parts of the London area, but this would probably not be apparent in the September returns.

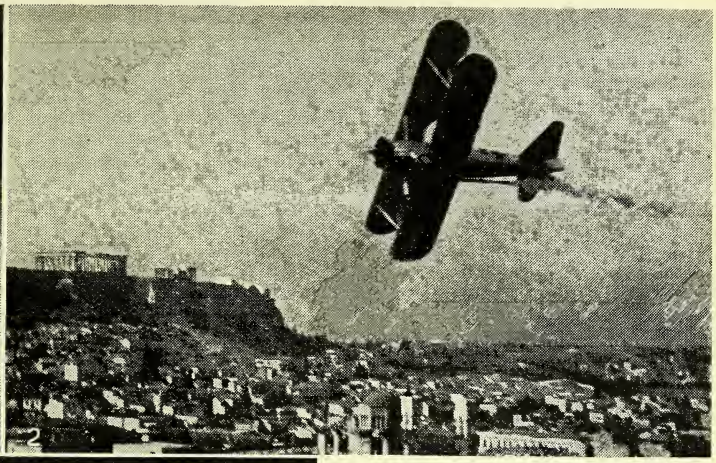
On a regional basis, the official statistics show that rise in sales has been greatest in unclassified districts (37.9 per cent.) with the South of England second (25.8 per cent). In London, sales in both Central and West End, and suburban districts, were lower than in the rest of Britain, with the exception of Scotland. The sales increase in the period February-September over the figure for the corresponding period of 1946 was almost 14 per cent. Stocks held by chemists at the end of September (according to statistics based on a much smalle and less representative sample of retailers) were nearly 30 per cent. above the Septem ber 1946 level. From our own informatio the rise in stocktaking totals has recentl been much more marked, in some instanc amounting to more than double the 194 level. One reason is that cosmetics, wit tax at 100 per cent., have been so muc more freely obtainable.

Guide to British Chemical Plan

THE first post-war edition of "Britis Chemical Plant," recently issued by th British Chemical Plant Manufacturer Association, 26 Portland Place, Londo W.1, is an impressive publication fro more than one point of view. In present tion this 212-page quarto-size cloth-boun book deserves commendation for its clear arranged, cleanly printed typography, f its pleasing yet serviceable binding, and f the quality of its halftone reproductio which, taken from so wide a variety photographic originals, must have pr sented many problems to the blockmaker.

As an indication of the progress made an industry which, not so long ago was, comparison with other and older indu tries, relatively unorganised and (amo many overseas industrialists, at any rat regarded as hardly the equal of its counte parts in the United States, Germany, et the volume is even more significant. itself it is sufficient to establish the Briti chemical plant manufacturing industry entirely able to meet every demand in remarkably wide field extending fro basic storage containers and components metals, ceramics and other materia selected according to their resistance acids, alkalis, or other potent reagents, (a) complete installations on the one ha or (b) the embodiments of inventive sk (as in the application of gyratory vibrati to tablet counting) on the other. As a fo word to the book with justice states: "T British Chemical Plant Industry is playi a significant part in our economic recove by applying experience and research to t skill of designers and craftsmen, not on in the re-equipment of the many processi industries but also in opening up new fie of industrial expansion."





NEWS IN PICTURES

1. WAREHOUSE FIRE. Serious damage was done by a fire on November 9 to three floors of the Clerkenwell Road, London, warehouse of Butler & Crispe, wholesalers. (See note, p. 593).

2. ANTI - CHOLERA MEASURES AT ATHENS. DDT was sprayed by aircraft over the Greek capital recently as a precaution against a possible cholera outbreak.

3. PRIZE - WINNING WINDOW. Display by Mr. Leslie S. Miller, Poole, in competition organised by Crookes Laboratories, Ltd., London.

4. CO - OPERATIVE PHARMACY. Pharmaceutical branch opened recently at King Richard's Road, Leicester, by Leicester Co-operative Society, Ltd. The interior fittings are almost entirely of metal.

PHARMACEUTICAL SOCIETY OF GREAT BRITAI

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on November 4 and 5, Mrs. J. K. Irvine (president) in the chair.

Council Vacancy

In accordance with the by-laws, THE SECRETARY formally reported a vacancy in the Council created by the resignation of Mr. G. R. Knox Mawer; nominations for co-option of a new member would, he said, be received at the next meeting, and the appointment would be made at the Council's meeting in January 1948. Replying to questions, he said it was usual for suggestions to be made by branches and members in cases of co-option to the Council, but that actual nominations could be made only by Council members.

Examination Results

The report on the examinations held in England and Wales in September-October 1947 showed that sixty-eight candidates entered for the Intermediate examination, two were absent, forty-two had failed, fourteen were referred, and ten had passed; of seventy-two entrants for a referred subject thirty-nine had passed and thirty-three were again referred. In the Chemist and Druggist Qualifying examination the number of entrants was seventy-two, of whom two were absent, thirty had failed, sixteen were referred, and twenty-three had passed; seventy-one candidates had entered for a referred subject; two were absent, forty-seven had passed, and twenty-two were again referred. In Scotland in October, seventy-eight candidates entered for the Intermediate examination, four were absent, thirty-five had failed, thirteen were referred, and twenty-six had passed; of forty candidates who entered for a referred subject one was absent, twenty-six had passed, and thirteen were again referred. For the Chemist and Druggist Qualifying examination seventy-two out of seventy-three candidates were present, twenty-six had failed, thirteen were referred, and thirty-three had passed; twenty-two out of twenty-four had passed in a referred subject, one was absent, and one was again referred.

Revised Examination Regulations

MR. F. G. WELLS said he was perturbed at the idea of the suggested revised examination regulations going out at present, because students might think that one examination was the end of everything; no suggestion was made of going in for a d gree or the Fellowship. It was the a of the Council to get the students to in for one or the other. MR. A. A. MI DRUM agreed, and said that the Educati Committee would take note of the poin

MR. T. HESELTINE called attention the fact that, in referred subjects, twen two out of twenty-four candidates in Sc land had passed, in England only for seven out of seventy-one. THE PRESIDE thought that the schools were still sufferi from war conditions, and MR. MELDR mentioned the number of ex-Serv students who were still sitting for the aminations. He felt sure members wo be concerned at some of the figures in analysis of school results. MR. HIRST dorsed that view; he mentioned that so colleges were at the bottom of the list ev year, and said that that was not fair the students.

The discussion was continued for so time *in camera*. When it was resumed open Council, MISS M. C. ISLIP said had been much disturbed by the report the examiners. She suggested that, wh the regulations were changed, the opp tunity might be taken to go through curriculum. Drastic changes had b made in America, and it might be possi to do something with regard to pharm cognosy.

MR. J. F. MCNEAL called attention t statement in the report that there appea to be some danger that pharmaceuti students might lose the reputation they h once had of being excellent analysts. one subject, reference was made to "l of practice during the preparation for examinations." It was surely the teach and those who ran the schools who w responsible for that. Another statem was that some candidates' knowledge dosages was deplorably weak. The teach should know whether candidates had su cient training to take the examinati Again, it was stated that there was a l of understanding of the principles of vo metric analysis. "Who is to blame that," he asked, "the student or teacher?" He thought it might be nec sary to inspect the colleges and d c whether some of them were really able train students.

MR. MELDRUM hoped the Council some responsibility towards the studer How far the examiners were out of to with the teachers, or the teachers with

miners, required investigation. Inspec- n of schools was to be reintroduced. . HESELTINE asked what the next step uld be if it were found that some schools e not up-to-date in their teaching, and . MELDRUM replied that the standards l down for the approval of schools would rigidly maintained. If a school did not ch that standard, approval could be hheld.

ganisation of Branches

MR. F. G. WELLS, presenting the report the Organisation Committee, moved a ommendation, which was agreed to, that branch should be formed to cover rionethshire. It would be only a small nch, he said, but there was a possibility its becoming very active. For the con- ience of people coming in from the urbs, the evening meetings in London uld in future begin at 7.30 instead of .m. The section of the report of the ent Branch Representatives' meeting ling with revision of the constitution uld, he said, be referred to the Commit- concerned. He moved a recommenda- n, which was agreed to, that the British armaceutical Conference Executive uld be invited to discuss with repre- tatives of the Organisation Committee future relations between the Conference d the Branch Representatives' meeting. Committee felt that it would be better, th for the Society and for the Conference, t the association of the two meetings uld be continued, but considered there uld be a closer liaison between them. The uncil agreed that the president, vice- sident, treasurer, Messrs. Wells, McNeal d Reid should represent the Council for purpose. A proposal to hold two nch Representatives' meetings each year one at the same time as the annual meet- and the other at the same time as the itish Pharmaceutical Conference—would considered. A recommendation was ap- oved that at the joint discussions the ms in which the position of the Confer- ce might be defined in the Society's Con- tution should also be considered. Certain the details arising out of this recommen- tion were discussed by the Council *in mera*.

Noting that a motion on the agenda of e Branch Representatives' meeting had t been moved in the absence of a repre- ntative from the Branch concerned, the rganisation Committee decided that the ocedure to be followed in such cases ould be considered when the rules were next revised, the opinion having been expressed that any member present should be allowed to move in such circumstances.

A resolution passed by the North Metropolitan Branch was received, expressing the opinion that at future Branch Representatives' meetings an explanation of the Society's official policy should be made by the secretary before each motion was discussed, so that subsequent discussion might be well-informed; and that a final summary should be given by the chairman before the vote was taken. It was decided to inform the Branch that the resolution had been referred to the Organisation Committee.

A report from the North British office stated that over one hundred members had attended the Scottish Branch Representatives' meeting. The Organisation Committee announced that, if a request were made for the holding of another meeting next year, it would be sympathetically considered.

Council Candidates' Propaganda

MR. WELLS also moved a recommendation by the Organisation Committee that the proposed by-law on canvassing and propaganda by Council candidates should not be made, and that the policy followed in the past two years should be continued. Under that policy, when a candidate was nominated he was sent a letter saying that the Council's policy was that he should restrict his advertising to a statement of policy in the pharmaceutical Press, with details of his career, so that a biographical note could be sent out with the voting papers. The recommendation was adopted, the only dissentient being MR. MCNEAL, who said that, in his view, the Conference had not wanted any restriction on candidates, but had intended that the matter should be left to the common sense of members. MR. WELLS pointed out that no restriction was in fact imposed; candidates were merely told the Council's view.

MR. F. C. WILSON, who presented the report of the Public Services Committee, moved that a meeting should be called of pharmacists serving, or who had served during the recent war, in the Royal Army Medical Corps to discuss the pharmaceutical position in the Army; approaches to the War Office over the past twenty years or more, he said, had not been particularly fruitful. The motion was agreed to.

N.H.S. Negotiations

MR. WILSON also referred to negotiations on the National Pharmaceutical Service and

said the Committee had resolved to approach the Ministry of Health with a view to resuming discussions previously undertaken through the Joint Committee, and that the Committee should meet later to consider the lines upon which the Society should proceed. MR. HIRST said that that read as though the Council wanted to do the negotiating. MR. WILSON explained that that was not the intention. MR. A. R. MELHUISH said it seemed like reopening all the acrimonious discussion that had taken place in the past; the disagreement that had existed had caused him much grief. MR. HESELTINE asked whether it was the desire of the Council to go forward with the matter. MR. MELDRUM pointed out that the decision had been taken some years previously that the Council should concern itself with discussions with the Minister, and MR. WILSON added that it was an obligation on the Society to do so.

Benevolence and War Aid

In the report of the Benevolent Fund and War Aid Committee, presented by its chairman (MR. E. A. BROCKLEHURST), it was recommended that four persons, whose names were given, should be chosen for election as annuitants at the December meeting of the Council. The recommendation was approved. It was agreed to make a Christmas gift of £5 to each of seventy-six annuitants and of £1 1s. to each of ten orphans who were beneficiaries of the Society's Benevolent Fund. In response to an appeal, a special contribution of £10 10s. was made to Reed's School. The Committee's report showed that grants amounting to £46 had been made to two widows of former members and one further grant had been made towards payment of premises and retention fees in 1947. Recommendations for grants to one member and four widows, amounting to £400, were approved. THE CHAIRMAN mentioned that a donation of £50 from Mr. H. E. Curtis had been given in commemoration of sixty happy years in pharmacy.

Birdsgrove House

The Birdsgrove House subcommittee of the Benevolent Fund Committee reported that guests accommodated during the three months ended September 30 numbered: July, 42; August, 22; September, 36. Arrangements were made for a quarterly letter about the Home to be sent to each Branch secretary and to each of the Society's inspectors; for brochures to be sent to each Branch secretary, and for a brochure to be circulated to each member of the Socie with other communications. It was als agreed that the Editor of the "Pharmace tical Journal" should be asked to publi a descriptive article on Birdsgrove Hou once a year. MR. E. A. BROCKLEHURS reported that a memorial gift of £100 fro the Redhill and Reigate Branch had bee earmarked for the purchase of an artic of furniture for the Society's convalesce home; a Welsh dresser for the dining-roo at Birdsgrove House had accordingly bee purchased.

College Staff and Scholarships

On the recommendation of the Joi School Committee, Dr. J. W. Fairbairn w graded senior lecturer in the Society's Co lege from August 1, and Miss B. P. Jacks demonstrator. The Council has award Research scholarships for 1947 as follow —ALLEN & HANBURYS RESEARCH FELLOW SHIP, Peter A. Nasmyth; BURROUGH SCHOLARSHIP, Edwin P. Godden; PHARM CEUTICAL SOCIETY'S SCHOLARSHIP, Mi Monica R. Mann.

Statement on Codex

The following statement was receive from the Editor of the new British Pharm ceutical Codex:—

The extensive nature of the revision being unde taken has necessitated a large number of meetin of the subcommittees, and the Codex Revision Co mittee is appreciative of the valuable services giv by pharmaceutical and medical experts. More th 60 per cent. of the general monographs have n been sent to the printer, and the first galley pro of approximately 200 monographs have been pass by the Revision Committee. A list of names pr posed for new substances has been submitted the Nomenclature Committee of the British Pha macopœia Commission. Professional advice is bei obtained in order to ensure that new coined nam are free from commercial restrictions. Progress certain sections of the work is dependent upon d cisions by the B.P. Commission and Joint Formula Committee; these factors, and the difficulties printing and paper supplies, make it impossible this stage to fix the publication date.

Sizes of Medicinal Tablets

A request from the New Zealand Pha macy Board, referred to the Society b the British Standards Institution, raise the question whether the sizes of medicina tablets could be standardised. The Code Revision Committee had considered the sug gestion sympathetically, but decided tha complete control of the sizes of medicina tablets was impracticable, though standar isation of the smaller tablets, say up to gr. or gr. 2, might be possible. MR. WELL suggested considering the question of colou

he Council appointed Mr. T. D. ittet, Ph.C., (chief pharmacist, Univer- College Hospital, London) to fill a ancy on the liaison committee with the istry of Health.

he report of the Law Committee, pre- ted by Mr. C. Davis (chairman), showed , in September 1947, the Society's in- tors and agents had visited 1,063 horised sellers, 239 listed sellers, and drug-store proprietors, etc.

he Registrar reported the experience pharmaceutical chemist, Northern Ire- d, who had found, on going direct to Channel Islands, that he could not be istered there unless he had first been istered in Britain. The registrar gested that the reciprocity agreement ween the Society and the Pharmaceutical iety of Northern Ireland might be ied, with the consent of the latter body, ut residence in the Channel Islands on same footing as residence in this coun- This course was agreed to.

edule IV Poisons for Livestock

n view of uncertainty that appears to st as to the extent to which the "trade business" exemption applies to the of Fourth Schedule Poisons to mers, poultry keepers, etc. (under which tain restrictions on the sale of poisons relaxed), the Council has issued the owing statement:

is permissible to sell a poison included in the rth Schedule to the Poisons Rules without a ical, dental or veterinary prescription if the on is sold "for use by the purchaser thereof his trade or business." The Society's inspectors e reported to the Council that some pharmacists e difficulty in deciding whether a particular nsaction is or is not the sale of an article "for by the purchaser in his trade or business." The owing notes are intended to help pharmacists answer this question and to decide whether or a prescription is needed.

ull-time activity on a commercial basis is clearly trade or business. The sale, for example, of phamezathine to the owner of a poultry and farm which is his sole business is a typical case ere no prescription is needed.

art-time activity on a commercial basis is like- e a trade or business, notwithstanding that the son concerned may be engaged in other activi- s. Thus a professional man who kept poultry or s for profit, selling his produce, would be entitled buy without a prescription.

The following activities would not be carrying on "trade or business"—keeping bees, poultry or ttle for the sole use of the owner or his family, where the surplus produce was given away.

The quantity of cattle or poultry kept or the mber of hives is sometimes a useful indication. a person is keeping a greater number than is necessary for his own domestic use then it may usually be assumed that he is carrying on a "business." In general, however, the deciding factor is whether the element of sale enters into the activity in any marked degree. If it does, then "a trade or business" is being carried on. It is for the purchaser to satisfy the seller that he is carrying on a "trade or business" and that the poison is required for the purpose of that trade or business. If the seller is not satisfied, he should refuse to sell unless a prescription is produced. Further, the fact that a sale is made for use in a trade does not release the seller from his normal professional duty of making certain that the purchaser understands the nature of the substance he is buying and any dangers which may accompany its use. These articles are in the First Schedule to the Poisons Rules and the seller must therefore know the purchaser to be a person to whom the poison may properly be sold or, in the case of a stranger, receive the usual certificate from a householder as authorised by the Rules, and must make an appropriate entry in the poison register, obtaining either the customer's signature or his signed order.

SCIENCE MUSEUM EXHIBITIONS

At the Science Museum, South Kensington, there are now open an Electron Jubilee Exhibition, commemorating the discovery by Professor J. J. Thomson fifty years ago of a new particle which became known subsequently as the electron, and a second exhibition, dealing with the history of surgery, provided by the Wellcome Historical Medical Museum. Amongst the exhibits at the first are many which demonstrate fundamental principles, including a model of Thomson's original cathode-tube apparatus for determining the ratio of the charge (e) to the mass (m) of an electron. Visitors may operate the model by means of a press-button (and measure e/m). Daily demonstrations with an electron microscope, showing zinc oxide smoke particles at many thousand times' magnification, are also being given. The second exhibition illustrates the development of surgery from the period of ancient Greece and Rome, and includes exhibits dealing with the Hunterian revolution in surgery. In a section devoted to blood transfusion, etc., a miniature bow and arrow (about 6 in. high) used in New Guinea for blood letting is shown, while reproductions of plates from Scultetus' Armamentorium Chirurgicus, 1693, and other contemporary works, illustrate the practice then used of transfusing blood direct from animal to patient. A section on antiseptics illustrates Lister's use of carbolised putty, spread on tin or between calico, and of lac plaster (phenol dissolved in shellac).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, November 17

LIVERPOOL CHEMISTS' ASSOCIATION, Board Room, Adelphi Hotel, Liverpool, at 7.15 p.m. Open meeting.

SLOUGH BRANCH, PHARMACEUTICAL SOCIETY, Community Centre, Slough, at 7.30 p.m. Mr. J. T. Marsh (Glaxo Laboratories, Ltd.) on "Liver Extracts."

Tuesday, November 18

BLACKPOOL BRANCH, PHARMACEUTICAL SOCIETY, Palatine Hotel, Blackpool, at 7.30 p.m. Mr. C. Beaven (Parke, Davis & Co.) on "The Riddle of Allergy."

BIRMINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Grand Hotel, Birmingham, at 8 p.m. Dr. K. A. Bisset on "The Place of Bacteria in Nature."

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Midland Hotel, Bradford, at 7.30 p.m. Mr. H. M. Hirst, M.P.S. (a member of the Society's Council), on "There are Two Sides to Every Question."

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP, Chemistry Department, Royal College of Science, South Kensington, London, S.W.7, at 2.30 p.m. Dr. K. S. Cahn on "The Rôle of Chemistry in Recent Developments of Animal Insecticides."

Wednesday, November 19

NORWICH BRANCH, NATIONAL PHARMACEUTICAL UNION, Three Ways Tea Rooms, Brigg Street, Norwich, at 7.15 p.m. Mr. T. Heseltine (a member of the N.P.U. Executive) on "Pharmacy and its Prospects."

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Medico-Chirurgical Society, 64 St. James's Street, at 7 p.m. Dr. T. A. Ratcliffe on "The Relationship of Psychiatry to General Medicine."

DUNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Café Moderne, High Street, Arbroath, at 7.30 p.m. Film show and "brains trust" (tea available at 5.30 p.m. on application to the secretaries).

ULSTER CHEMISTS' ASSOCIATION, Grand Central Hotel, Belfast, at 2.45 p.m. Annual meeting.

LEICESTER AND LEICESTERSHIRE BRANCH, NATIONAL PHARMACEUTICAL UNION, Royal Hotel, Leicester, at 7.30 p.m. Mr. D. W. Hudson (a member of the N.P.U. Executive) on "The Area Pharmacy in a National Pharmaceutical Service."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Cleveland Scientific Institute, Corporation Road, Middlesbrough, at 7 p.m. Mr. L. V. Allen, Ph.C. (Evans Medical Supplies, Ltd.) on "Present-day Ointment Bases and Emulsifying Agents"; also film "Take Thou."

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinson's Ballroom, 56 Old Elvet, Durham, 7.30—11 p.m. Annual dance (tickets 3s. 6d. each).

Friday, November 21

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Professor G. Buttle on "Newly Discovered Drugs and their Applications in Therapeutics."

NORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.30 p.m. Dr. Norman Feather, F.R.S., on "Radioactivity, Old and New."

Sunday, November 23

DUNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Mather's Hotel, Whitehall Crescent, Dundee, at 3.15 p.m. Meeting discuss Pharmaceutical Society's constitution a educational policy.

BIRMINGHAM PHARMACEUTICAL ASSOCIATION holding a dance at the Botanical Gardens, Edgb ton, on Wednesday, November 26. Tickets (7s. 6 each) from members of the committee.

BIRMINGHAM DISTRICT WINDOW DISPLAY COMPE TION (organised by the Crookes Laboratories, Ltd November 24-December 6.

CHEMISTS' FEDERATION

A MEETING of the C.F. Council was held November 6, the president (Mr. W. Tristram) in the chair. Meetings of t C.F. Standards Committee and C. Propaganda Committee had been held the previous day.

Recommendations made in a report of meeting of the C.F. Propaganda Comm tee were adopted. The response fro manufacturers, retailers and wholesalers an appeal from the C.F. Propaganda a Publicity Fund was considered, and a su committee was appointed to consider d tails of initial publicity. Reporting to t Propaganda Committee, the secreta stated that orders for a further 200,0 labels had been received following t distribution of 500 labels for attaching display materials by C.F. manufacturers.

The report of a meeting of the C. Standards Committee was adopted.

Applications were received from thr C.F. manufacturers for additions to t schedules of their C.F. agreements. T following were approved: Anti-Bi-S Laboratories (Fenesine), and Wigglesworth Ltd. (Opasillin).

Five applications for manufacturer mer bership were considered and the followi were accepted: Abbott Laboratories, Lt (all products); Grasshopper, Ltd., (Gras hopper ointment and pills); MacLenna Products, Ltd. (Pheriban).

THE SECRETARY reported that a lar majority of C.F. manufacturers whose pr ducts had been examined by the Coun had agreed to amend their labels and liter ture; negotiations were proceeding with t remainder.

A PHARMACIST'S ANTHOLOGY

There is some soul of goodness in thin evil
Would men observingly distil it out.
. . . . Thus may we gather honey from t weed,
And make a moral of the devil himself.
(*From Shakespeare's "King Henry V"*).

OVERSEAS TRADE NEWS

Bulgarian Industrial Developments.—ew industrial city is to be established r Rakovski in the Plodir district of Bulia. The new city will have several mical plants producing sulphuric acid fertilisers.

U.S. Streptomycin Exports. — As a ilt of the record monthly production of 41,000 gm. of streptomycin in Septem-, the U.S. Department of Commerce horised a total of 600,000 gm. for ort in October.

France Raises Cod-liver Oil Price.—e official French Price Administration ounced recently that the price of ned cod-liver oil in France had been d at ninety-two francs a kilo, an increase twenty-two francs on the previous price.

Nicaragua Lists Essential Imports.—e Nicaraguan Commission to Regulate mmerce has issued a list of products sidered essential and for the importa- of which dollar exchange will be allo- ed by the Banco Nacional de Nicaragua. e list includes chemicals, pharmaceutical ducts and biological preparations for man and veterinary use.

Kashmir to Produce Drug Preparations. A leading Indian firm recently made an eement with the Government of the ate of Kashmir to produce galenicals and er preparations from belladonna, digi- is, podophyllum, valerian and other tanical drugs with which the State is undantly supplied.

Benelux Trade Agreement Renewed.—e existing trade agreement between the lgo-Luxembourg Economic Union and e Anglo-American zone of Germany has en renewed and revised at a series of ks held recently. Belgium and Luxem- urg are mainly interested in chemicals, es, salt, machinery and machine parts, d optical goods. Besides bi-zonal trade, lgium has already negotiated agreements th the French and Soviet zones of rmany.

France Acquires Peroxide Market.—rmany's former foreign markets for hy- ogen peroxide have been lost to France ce the end of the war and the latter is derstood to be seeking official limitation German production so that markets in candinavia, the Near East and China can maintained. Two French companies ve specialised in the manufacture of ydrogen peroxide, and output has in- eased to 2,000 tons a year compared with pre-war German production understood to range from 3,000-3,500 tons a year.

German Dismantling List Issued.—The British and American authorities, in the Anglo-U.S. zones of Germany, have issued a list of plant to be dismantled for reparations. The I.F. Farbenindustrie plant at Leverkusen, in the British zone, is included in the list. A new plan for German industry will permit production in heavy industries, including chemicals, at an average rate of 5-10 per cent. less than the 1946 rate, but this lower output will be compensated for by a higher rate in the light industries.

AID FOR EXPORTERS

FROM the beginning of 1947 to the end of October well over 1,000 manufacturers wishing to export their goods have been put in touch with suitable merchant firms through the services of the National General Export Merchants' Group. There has been a sharp rise in the volume of inquiries during recent months, although nearly 400 were dealt with in 1946. The wide variety of products for export includes pharmaceutical preparations, insecticides and plastics. For each inquiry put out in circulars sent by the Group to members, the number of replies averages between six and seven, and very few fail altogether. Although some goods are definitely unsuitable for export today, 90 per cent. of the inquiries result in contacts. Many of the manufacturers now seeking to enter the export trade are novices in this field and probably wish to quote a price ex-works. The merchant assists them materially by paying cash in the United Kingdom and financing the transaction—an important consideration for the smaller factories. In addition the merchant provides expert knowledge of what will sell and of procedure, carries out all the packing and dispatching, and has the necessary sales organisation, which for this type of business usually offers the most economical method of distribution. The London Chamber of Commerce, which houses and staffs the National General Export Merchants' Group, has recently represented to the Board of Trade that, if inexperienced manufacturers are urged to do their own exporting, they will sell the wrong goods in the wrong markets, to the wrong people; and that this will result not only in loss of real wealth to this country, but will damage the reputation of British exporters.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quai ties of standard quality. Prices of crude drugs and essential oils vary as to brand or gra

28 Essex Street, W.C.2, Nov. 12

THE markets for PHARMACEUTICAL and FINE CHEMICALS remain firm with a number of products showing small advances in price as a result of increases in the cost of raw materials. From November 6, higher rates are charged for SALICYLIC ACID and SODIUM SALICYLATE; both products are dearer by one penny per lb. A good inquiry is reported for SODIUM DESOXYCHOLATE; one maker has advanced the price of this product from £35 per kilo to £50 per kilo, in 1-kilo lots, and the market generally is firmer. In the COAL TAR DERIVATIVES there has been little change, with the gulf between demand and supply increasing. Prices for the home trade are unchanged and export rates are fully maintained.

Crude Drugs

The past week has seen a routine business in CRUDE DRUGS with very few fluctuations in market values. Rather more inquiry has been received in the home trade but export inquiry has, with some important exceptions, been lacking. With the improvement in spot supplies of Cape ALOES prices have fallen appreciably and shipment values, having declined to 140s., c.i.f., are now firming up and a fair business has been transacted at 142s. 6d., c.i.f. BALSAM OF TOLU has been in good request at 18s. per lb. It is understood that PERU BALSAM is easier at source but spot prices are unchanged. CAMPHOR is steady with a fair demand for tablets for export. A small business in Mangalore CARDAMOMS has been done and the market is steady. CASCARA SAGRADA continues firm. COLCHICUM SEEDS have been in request but the price at which this item is offered is high. COLTSFOOT LEAVES are in very short supply on the spot and import licences will only be granted on the basis of re-export to the extent of 75 per cent. of importations; English leaves are scarce. LIQUORICE JUICE and ROOT are selling well; import licences for Turkish juice are not being granted at present. Good progress in exports of RHUBARB are reported but business on home trade account is small. There has been a fair inquiry for SENNA LEAVES. Spot SENEGA is commanding higher prices and shipment values are moving up again. WAXES have been a quiet and steady market.

Essential and Expressed Oils

Medicinal oils have again attracted buyers and the markets for these items are firm. Perfumery items remain quiet and steady with few downward price changes; CASSIA is the exception and spot is now at 15s. 6d. per lb. LEMONGRASS is dearer for shipment.

The Minister of Food announces that changes will be made in the prices of refi oils and imported edible animal fats a cated to primary wholesalers and la trade users during the eight-week per ending January 3, 1948.

U.S. Drug and Chemical Repo

New York, Novembe

THERE has been a considerable slacken in many chemical resale markets beca of the dollar shortage abroad and tighter restrictions on export licenses he Buying interest has been maintained, ho ever, in CAUSTIC SODA, SODIUM and POT SIUM BICHROMATES and SODA ASH with c rent prices 13.50 to 14.50 cents, 18 to cents, and 3¼ to 3½ cents per lb. resp tively. Resale prices are expected to decli until the export licensing situation eas probably at the beginning of Janua Expansion of the U.S. chemical indus since the war is held partly responsible the acute tankcar shortage at the pres time and the position is not expected to ea for two or three years.

In FINE CHEMICALS markets SILV SALTS were advanced in price during t week, the NITRATE to 47¼ cents per oz. a the CYANIDE to 68⅜ cents per oz. Sha advances were also made in MORPHI and CODEINE because of increased ra material costs. MORPHINE ACETATE is n priced at $9.90 per oz. against $8.75 pr iously, and CODEINE PHOSPHATE at $10. per oz., an increase of $1.25. Exp licences for about 3,000,000 lb. of GLYCER will be issued to cover the last quarter the year. This is slightly more than t quota for the previous three-month peri Meanwhile, it is reported that output glycerin in September at 18,594,000 was an all-time monthly record; consum tion, however, almost equalled productio stocks at the end of the month showing increase of only 305,000 lb.

More MENTHOL consumers are now ente ing the market and the price of the mat ial has advanced to $8.85 to $9.00 per Very little Chinese produce is being offer The market for CRUDE DRUGS has be quiet over the past week but PEPPER a some SPICES have been meeting with moderate inquiry. The Food and Dr Administration detained over 600 bales CASSIA besides smaller quantities of GI GER, HENBANE LEAVES, PSYLLIUM HUSK and PAPAIN imported from abroad.

Domestic consumers of ESSENTIAL OI are still limiting their purchases to imm diate requirements although a good forei inquiry is reported from South and Centr American countries. European interest limited by shortage of dollars.

Pharmaceutical Chemicals

MIDOPYRINE.—Quotations are fully ntained at from 53s. to 63s. per lb., rding to quantity.

SPIRIN.—Makers' prices per lb., for der (containers in brackets), are unged: 28 lb. and under 1 cwt., 4s. 4½d. b.), 4s. 3½d. (2-lb.), 4s. 3d. (4-lb.), 4s. 2d. b.), 4s. 1½d. (14-lb.), 4s. 0½d. (28-lb.). one month.

ENZOIC ACID.—Makers' quotations are rom 2s. 7d. to 3s. per lb. for B.P., with nical grade at 2s. 6d. to 2s. 8d. SODIUM ZOATE is quoted from 2s. 6d. to 2s. 10d. lb.

ISMUTH SALTS.—Makers' prices per lb. 1-cwt. lots are as follows: CARBONATE, 10d.; CITRATE, 12s. 6d.; SUBNITRATE, SALICYLATE, 12s. 9d.; SUBGALLATE, 9d.

ORIC ACID.—Current rates per ton lots B.P. quality are: Granulated, £60; tal, £61; powder, £62. Commercial les, £8 per ton less. Packed in 1 cwt. s, delivered carriage paid in Great ain, in 1-ton lots and upwards. Terms ted do not apply to Northern Ireland.

ROMIDES.—Current rates per lb. for ASSIUM, in quantities of 28 lb. to 1 cwt. ntainers in brackets), are as follows: 5½d. (1-lb.), 3s. 4½d. (2-lb.), 3s. 4d. b.), 3s. 3d. (7-lb.), 3s. 2½d. (14-lb.), 1½d. (28-lb.). In bulk, 1 cwt is quoted 2s. 7d. per lb. and 5 cwt. at 2s. 6d. wder is 2d. per lb. extra. SODIUM is 1½d. lb. less than above rates; AMMONIUM d. per lb. more than above rates. Terms net; carriage paid on 1-cwt. lots in U.K. ces and conditions apply to trade in Eire usual carriage paid terms, duty and rine war risk insurance for buyer's ount.

ITRATES.—Makers' prices are unnged. POTASSIUM, in quantities of lb.-1 cwt. is quoted per lb. as follows ntainers in brackets): 3s. 8½d. (1-lb.); 7d. (4-lb.); 3s. 6d. (7-lb.); 3s. 5½d. -lb.); 3s. 4½d. (28-lb.) FERRI ET AMMON., B.P., 4d. per lb. above. SODIUM B.P., per lb. below; POWDER, 1d. per lb. extra.

UAIACOLS.—Liquid is quoted at 14s. 6d. 16s. per lb.; crystal and carbonate, 14s. 15s. per lb., according to quantity.

YOSCINE HYDROBROMIDE. — Makers' tations are from 147s. 6d. to 150s. per according to quantity.

YDROCYANIC ACID.—B.P.C. (Scheele's) quoted at 1s. 5½d. per lb. and B.P. 1s. 1½d. per lb.

YDROQUINONE.—Current prices per lb. 9s. for 28-lb. lots and 8s. 9d. for 1-cwt. s; other quantities in proportion. Packes free. Contracts: Minimum 5 cwt. r twelve months.

YPOPHOSPHITES.—Makers' rates per lb. 7-lb. lots are: AMMONIUM, 9s. 3d.; RIUM, 6s. 3d.; CALCIUM, 4s. 11d.; IRON, 9s. 4d.; MAGNESIUM, 7s. 9d.; MANGANESE, 8s. 5d.; POTASSIUM, 6s. 1d.; SODIUM, 5s. 7d. HYPOPHOSPHOROUS ACID, in quantities of 6 Winchester quarts, is 6s. 2d. per lb.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gm. in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (4s.) HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

ICHTHAMMOL.—B.P. material is quoted in bulk at 4s. 3d. per lb.; 28-lb. tins are priced at 4s. 9d., 14-lb. at 5s. and 1-lb. at 5s. 10d. per lb.

IODINE PREPARATIONS. — Current prices per lb., for the home trade, are as follows: POTASSIUM IODIDE, B.P.—1 cwt., 10s. 8d. SODIUM IODIDE, B.P.—28 lb., 11s. 8d. IODOFORM, B.P.—28 lb., powder, 15s. 1d. crystals, 17s. 1d. RESUBLIMED IODINE, B.P. —1 cwt., 12s. 5d. Orders of 28 lb. and upwards may be comprised of assorted preparations at schedule rates. Packages are extra. Contracts may be booked for 1 cwt. and over of assorted preparations for delivery as required within three months with rise and fall clauses. Special rebate of 4d. per lb. allowed on quantities of 5 cwt., in one delivery, or on contract for delivery within three months.

MAGNESIUM CARBONATE (B.P. LEVIS).—Current rates per lb. in the home trade are as follows (containers in brackets): 28 lb. to 1 cwt., 1s. 6d. (1-lb.); 1s. 5d. (2-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.) per lb. Bulk quantities range from 94s. to 99s. per cwt. as to quantity, carriage paid.

SALICYLIC ACID.—Increased rates per lb. (containers in brackets) in the home market are as follows: 28 lb. and under 1 cwt., 2s. 9½d. (1-lb.); 2s. 8½d. (2-lb.); 2s. 8d. (4-lb.); 2s. 7d. (7-lb.); 2s. 6½d. (14-lb.); 2s. 5½d. (28-lb.). Net one month.

SODIUM SALICYLATE.—Increased rates per lb. (containers in brackets) in the home market are as follows: 28 lb. and under 1 cwt., 3s. 3d. (1-lb.); 3s. 2d. (2-lb.); 3s. 1½d. (4-lb.); 3s. 0½d. (7-lb.); 3s. (14-lb.); 2s. 11d. (28-lb.). Net one month.

TERPINEOL.—Material complying with B.P. standards is priced at 5s. per lb. for small lots.

THEOBROMINE.—In short supply. Makers' prices per lb. are as follows: ALKALOID, from 39s. 6d. to 43s. 6d., according to quantity: CALCIUM SALICYLATE and SODIUM SALICYLATE, from 22s. 3d. to 26s. 3d.; SODIUM BENZOATE, from 24s. 9d. to 27s. 9d.

THIOURACIL, B.P.C.—Makers quote this product at 55s. per lb. In good demand.

THYROXINE-SODIUM.—Makers' prices per gm. are as follows: 1 gm., 50s.; 10 gm., 45s.; 100 gm., 40s.

VANILLIN.—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 lb. 22s. 6d.; smaller quantities, 22s. 9d. per lb.

Crude Drugs

ALOES.—Cape on the spot is quoted at 165s.; shipment, 142s., c.i.f. Curaçao in boxes is quoted at 235s. to 245s., spot; forward, 215s. to 220s., c.i.f. Socotrine is available at from 156s. to 190s. per cwt.

BALSAMS.—*Canada* in short supply is quoted at 17s. per lb., spot. Pará *Copaiba*, spot, 8s. per lb. for soluble and 7s. 3d. for insoluble. *Peru*, San Salvador 6s. 9d. to 7s. per lb., duty paid. *Tolu* is offered at 18s. per lb.

BELLADONNA.—Herb of B.P. quality on the spot is offered at 5s. 6d. per lb. Root, for shipment, 340s., f.o.b., Italian ports.

CAMPHOR.—A steady market. Chinese tablets (¼-oz.) quoted at 11s. 3d. to 11s. 6d. per lb.; refined powder (B.P.), 10s. 3d. to 10s. 6d., Formosa (B.B.), 9s. 6d. to 10s.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude 93-95 per cent., 7s. per lb.

CARDAMOMS.—A steady market. Mangalore: Half-bleached, A's, are quoted at 8s. 6d.; B's, 8s.; seeds, 7s. (nominal), spot. Aleppy seeds No. 1, offered at 7s. 9d.; Aleppy greens 6s. 9d. per lb., spot.

CASCARA SAGRADA.—In good request. American new-crop is offered at prices ranging from 250s. to 255s. per cwt., duty paid; 1946 crop, 260s., duty paid.

CHILLIES.—Mombasa is easier at 150s. per cwt., spot. Sierra Leone, 140s., nominal. Nigerian, 125s., spot; Japanese-type, 190s.

CINNAMON.—Steady. 0000 quill is quoted at 3s. 9d., spot. Quillings is available at 1s. 10d., spot; featherings, 1s. 6d.; chips, 10d. per lb.

CLOVES.—Zanzibar, quoted at 9¾d. to 10d. per lb., spot, Penang, offered at 3s.

COCHINEAL.—Silver greys, quoted at 4s. 3d. to 4s. 6d. per lb., spot; blacks, 5s.

COLCHICUM.—Steady. Jugo-Slav corms are quoted at 9s. 9d. to 10s. per lb., spot; seeds, 33s. per lb.

DIGITALIS.—Nominal quotation for Portuguese leaves is 130s. per cwt.; English-grown, 2s. 6d. per lb., quoted.

GENTIAN.—French natural root on the spot, 95s., quoted; cut, 115s. per cwt.

GINGER.—Jamaica No. 1 is offered at from 110s. to 115s. per cwt., spot; No. 2, 97s. 6d. to 100s.; No. 3, 95s. Sierra Leone is available at 67s. 6d. per cwt.

GUAIACUM RESIN.—Quotations for lump are from 2s. 9d. to 3s. per lb., spot.

GUM ACACIA.—Kordofan cleaned sorts, quoted at 72s. 6d. per cwt., London or Liverpool; shipment, 68s. 6d., c.i.f. Bleached No. 1, 145s., ex store. Talha, 42s. 6d. per cwt., spot; forward, 38s. 6d., c.i.f.

HENBANE.—B.P. is quoted at 4s. 6d. per lb., spot. Egyptian (*H. muticus*) is offered at 105s. per cwt., spot; 80s., c.i.f.

HENNA.—Egyptian is offered at 135s. pe cwt., ex warehouse. Indian is quoted a 160s. per cwt., spot.

IPECACUANHA.—Nicaraguan on the spot i quoted at 28s. per lb.; for shipment, 25s c.i.f. Colombian root, spot, quoted at 28s and shipment at 24s., c.i.f.

JALAP.—Vera Cruz, spot, offered at price from 3s. 5d. to 4s. per lb., according to tes

JUNIPER.—Italian berries, quoted at fro 56s. to 65s. per cwt., duty paid, accordin to quality.

KAMALA.—Parcels to come forward ar quoted at 3s. per lb.

KARAYA.—No. 1 gum is quoted at 205s per cwt., spot; No. 2, 175s.

KOLA NUTS.—Steady. African quarter are quoted at 5d. per lb.; African halves 3d. to 5d., according to quality; Jamaica washed halves, 5½d. per lb.

MACE.—West-Indian blade, on the spo is quoted at 7s. 6d. per lb.; pickings, 4s. 6d to 5s. 6d., according to quality.

MENTHOL.—In good demand with buyer offering slightly lower than quoted prices Brazilian material on the spot, 50s. to 51s per lb., duty paid; Chinese, in origina cases, is quoted at 57s. 6d. to 60s. per lb duty paid.

MYRRH.—Very little activity in this iten Aden sorts is quoted at £14 to £15 10s. pe cwt., according to quality; siftings, £8 t £10 per cwt., spot.

NUTMEGS.—West Indian 80's are quote at 3s. 3d. per lb.; sound unassorted, 2s. 6d. wormy and broken, 1s. 8d. East India 80's, 3s. 9d., spot.

NUX VOMICA.—Madras is steady at 40s to 42s. 6d. per cwt. Mangalore, 40s. Cochin, 42s. 6d. to 45s., spot, as to seller.

OLIBANUM.—Fair to good drop is quote from 200s. to 240s. per cwt.; pea size, 220s. good garblings, 180s.; seeds, 175s.; sifting 110s.

ORANGE PEEL. — Spot quotations fo Spanish quarters are at 1s. 3d. to 1s. 6d per lb.; sweet ribbon is quoted at 1s. 9d. pe lb. Bitter ribbon, 1s. 3d. per lb., spot Liver pool.

PIMENTO.—Little on the spot. Parcel afloat are quoted at 119s. per cwt., c.i.f.

QUASSIA.—Chips, 40s. per cwt., spot.

QUILLAIA.—Natural bark is quoted a prices from 105s. to 115s. per cwt., spot cut, for future delivery, 135s. per cwt.

QUINCE SEEDS.—Cape, on the spot, i quoted at 5s. 9d. to 6s. per lb.

RHATANY.—Spot steady at 11d. per lb.

RHUBARB. — Steady. Chinese rough round on the spot ranges in price from 5s to 7s. per lb., according to quality; good fracture root afloat is quoted at 5s. 6d. duty paid.

SANDARAC.—Quotations are at 5s. 9d. pe lb., ex store London.

ARSAPARILLA.—Jamaican native red, ted at 2s. 3d. to 2s. 4d. per lb., spot.

EEDS.—The market for ANISE is easier h Cyprus offered at 1s. 11d. per lb.; rkish, 1s. 10d. per lb., duty paid, spot ndon or Liverpool. CARAWAY.—Dutch et, sellers quoting 1s. 0½d. per lb., duty l, spot London. CELERY.—Unchanged. ian quoted at 1s. 3d. per lb., spot Liver-l. CORIANDER.—Market remains firm; rocco old-crop, quoted at 52s. 6d. per ., duty paid; Argentine is quoted but offered at 50s., duty paid; English, minal, 75s. to 80s. per cwt. CUMIN.—rket quiet. Indian quoted 225s. per ., ex store Hull; Cyprus quoted at s. 6d. per cwt., ex wharf London. No iness is reported at these figures. DILL. ndian is unchanged at 45s. per cwt., ex arf London, and 42s. 6d. per cwt., spot erpool. FENNEL.—Market dull. Indian red at 72s. 6d. per cwt., spot Liverpool. NUGREEK.—More inquiry is reported with lian quoted at 47s. 6d. per cwt., spot ndon, and 45s. per cwt., spot Liverpool. ENEGA.—Spot is quoted at 12s. 6d. per shipment, 11s. 9d., c.i.f. A fair business been done and the market is firm.

ENNA.—Tinnevelly leaves, on the spot, red as follows: No. 1, 1s. 2d. per lb.; 2, 9d. to 9½d.; No. 3, 8d.; No. 4, 6d. nevelly pods, handpicked, 10d. to 1s. 4d.; nufacturing, 5½d. to 6d. Alexandrian ls. handpicked, spot, from 4s. 9d. to 9d., according to quality; medium, 9d.; manufacturing, 1s. 9d. to 2s. per Alexandrian leaves, 1s. 2d. per lb.

HELLAC.—F.O.T.N., pure, quoted at s. 6d. per cwt., spot.

QUILL.—Italian white is quoted at 65s. cwt., spot; Italian red, 84s., spot.

TRAMONIUM.—Hungarian, on the spot, offered at 115s. per cwt.

TROPHANTHUS.—Kombé, 10 per cent., quoted at 9s. 6d. per lb., on the spot.

TYRAX.—Spot quotations are from 5s. to 3d. per lb., duty paid.

URMERIC.—Madras finger is quoted un-nged at 107s. 6d. per cwt., spot Liver-l or London.

ALERIAN.—Belgian root is at 180s. to s. per cwt., according to holder.

AXES.—The market is steady. BEES'.—r-es-Salaam, spot, 375s. per cwt., minal; shipment, 355s., c.i.f.; Benguela, s., duty paid; 305s., c.i.f., quoted. NDELILLA.—Spot is offered at 415s. per t.; shipment, 390s., c.i.f. CARNAUBA.—tty grey is quoted at 580s., spot; afloat, s., c.i.f.; shipment, 435s., c.i.f. Prime low is quoted 810s. per cwt., spot; ship-nt, 725s., c.i.f. MONTAN.—Prices are changed; Reibeck, 390s. per cwt., spot; echoslovak crude, 325s., spot. OURICURI. Spot, 6 per cent., 375s. per cwt.; 8.8 per t., 365s. Shipment, 1 per cent., 390s.; per cent., 385s.; 5 per cent., 365s., c.i.f.

Essential and Expressed Oils

ALMOND.—B.P. (sweet) continues scarce on the spot with prices from 8s. 6d. to 12s. per lb. Bitter oil (s.a.p.) is steady at 55s. to 60s. per lb.

ANISE.—Continues firm. Spot is quoted at 6s. 6d. to 7s. per lb. for drums; near afloat, 6s. 6d., c.i.f., for drums and 7s., c.i.f., for tins in cases.

BAY.—Steady. West Indian is quoted at 7s. 6d. to 9s. per lb., spot.

CADE.—Spot quotations are from 4s. to 5s. 6d. per lb., according to seller.

CAMPHOR.—White oil to come forward is quoted at 3s. to 3s. 3d. per lb., duty paid.

CANANGA.—Spot, Java oil is available at from 35s. to 40s. per lb., according to quantity.

CASSIA.—Easier, with spot quoted at from 15s. to 16s. 6d. per lb., as to quantity.

CASTOR. — Controlled prices are unchanged: Firsts, £180 per ton; seconds, £176, naked ex works.

CINNAMON.—Steady; Ceylon bark oil is quoted from 10s. to 12s. 6d. per oz., according to quantity. English-distilled, from 24s. to 40s. per oz. B.P. oil is offered at 85s. to 90s. per lb. Leaf oil, spot, from 10s. to 13s. per lb. quoted.

CITRONELLA.—Ceylon, spot, is quoted at about 4s. to 6s. per lb., according to quantity; Java, forward, quoted at from 7s., c.i.f.

CLOVE. — English-distilled bud oil is steady at 11s. 6d. to 12s. per lb.

CORIANDER.—Very little English-distilled oil available; quoted at 250s. per lb.

LAVANDIN. — The forward market is steady and spot quotations are unchanged at 11s. 6d. to 13s. 6d. per lb.

OLIVE.—The price of edible, 1 per cent., to wholesalers is 51s. per gall. of 9 lb., in drums, ex store. Wholesalers' prices to retailers are as follows: In gall. loan cans, 58s. 9d. per gall.; in ½ gall., 59s. 6d.; in quart loan containers, 60s. 4d. and in pint containers, 61s. 4d. per gall., all delivered.

ORIGANUM.—Quoted at 18s. 6d. to 20s. per lb., spot, according to seller.

PALMAROSA.—Indian is priced at 26s. to 30s. per lb., spot.

PEPPERMINT.—Imported oil remains under control; English-distilled "Mitcham," in limited supply, is quoted at 200s. per lb.

PIMENTO BERRY.—English-distilled oil is quoted at 47s. 6d. to 57s. 6d. per lb. and upwards, according to quantity and grade.

SANDALWOOD.—English-distilled is quoted at 85s. to 90s. per lb., according to quantity.

VETIVERT.—Java is quoted at 135s. per lb., on the spot; Bourbon is from 165s. to 180s.

YLANG YLANG.—Bourbon No. 1 is quoted at 90s. to 100s. per lb.; No. 2, 50s.

TRADE MARKS

(*From "The Trade Marks Journal," October* 15)

"PROMOBAL"; for pharmaceutical preparations and substances; "RIDDITAN"; for insecticides (5). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 649,892, 650,773 (Associated).

"LESTREPLAST"; for medical and surgical plasters and bandages (5). By A. de St. Dalmas & Co., Ltd., Junior Street, Leicester. B650,267 (Associated).

"MAGISTAN," "STAPROL"; for all goods; "STANAPRIN," "STANASP"; for pharmaceutical preparations and substances (5). By Stanning Proprietaries, Ltd., 32 St. James's Street, London, S.W.1. 650,399-400, 650,770-71 (Associated).

"GIT-BICS"; for insecticides (5). By Ashe Laboratories, Ltd., 120 Victoria Street, London, S.W.1. 650,472 (Associated).

"NICOLINCT"; for pharmaceutical preparations and substances (5). By William M. Nicoll, The Bridgnorth Pharmacy, 32 High Street, Bridgnorth, Shropshire. 650,540.

"UDOLAC"; for pharmaceutical preparations for human and veterinary use, and sanitary substances (5). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 650,809.

"BACTEROL"; for all goods (5). By Bacterol, Ltd., 435 Strand, London, W.C.2. 650,951 (Associated).

"INANTOL"; for pharmaceutical products (5). By Société Anonyme des Laboratoires du Docteur Debat, 60 rue de Monceau, Paris. 651,236.

"DIOSOLONE"; for pharmaceutical preparations (5). By British Schering, Ltd., 167 Great Portland Street, London, W.1. 651,416.

"OMNIPAC"; for electrical apparatus and instruments, etc. (9). By Amplivox, Ltd., 2 Bentinck Street, Manchester Square, London, W.1. 649,565.

"ADOTAL," "TRETAL," "AMOTAL," "ALOTAL," "AFOTAL," "ACOTAL"; for lenses (9). By Taylor, Taylor & Hobson, Ltd., 104 Stoughton Street, Leicester. 649,769-71, 649,773-75 (Associated).

"NORBENT"; for spectacle frames and lenses; "OPTISEC"; for laminated optical lenses (9). By M. Bender (Northern), Ltd., 2 High Friar Street, Newcastle-upon-Tyne, 1. 650,351-2.

"PACIFEED"; for baby soothers, feeding bottles and valves and teats therefor (10). By J. Allen & Co., 148 Bath Road, Cheltenham. 646,393.

"BOLERO"; for orthopædic belts and stockings (10). By André Silvain, 1 and 3 rue Nadaud, Roubaix (Nord), France. 649,894.

"ACTINEA"; for radiant light lamps for curative purposes (10). By J. Halden & Co., Ltd., Rowsley Works, Reddish, near Stockport. 650,709.

"LUMBEX"; for electrically heated pads for surgical and curative purposes, and electrically heated blankets (10). By Suflex, Ltd., Warrington Works, Randolph Avenue, London, W.9. 651,066.

"CELLAZOTE"; for nitrogen-expanded rubber and articles made therefrom (17). By Expanded Rubber Co., Ltd., 675 Mitcham Road, Croydon. 650,990 (Associated).

"ARGO"; for combs, non-electric instruments fo cleaning purposes, etc. (21). By H. Waigh Ltd., 114 High Street, West Wickham, Ken 645,177 (Associated).

"PREMIER" on band encircling globe, surmounte by lion; for brushes (21). By The Premie Brush Co., Ltd., 172 Newmarket Road, Car bridge. B645,418.

(*From "The Trade Marks Journal," October 2*

"TERALON"; for chemical products used in indu try, science and photography, and adhesi substances used in industry, but not includin bases for colours (1). By Imperial Chemic Industries, Ltd., Wexham Road, Slough, Buck 648,396.

"MICRODOL"; for photographic chemicals (1 "KODAGUIDE"; for devices for determinin photographic exposures (9). By Kodak, Ltd Kodak House, Kingsway, London, W.C. 649,731 and B649,732 (Associated).

"SEAMUS FIVE STAR"; for fertilisers (1). By Joh Cross, Cambridge Works, Coldharbour Roa Bristol, 6. 650,781.

"VITOP"; for manures (natural and artificial) (1 disinfectants and preparations for killing wee and vermin (5). By Vitax Fertilisers, Ltd Liverpool Road North, Burscough Bridge, n Ormskirk, Lancs. 651,264-65 (Associated).

"ROSEBEW"; for toilet preparations (not med cated) (3). By James Glandwr Jones, 60 Con mercial Street, Ystalyfera, Glam. B643,458.

"MYATOMIC"; for washing powder (3). By St Chemical Products, Ltd., 3 Middleton Building Langham Street, London, W.1. 646,009.

"DUXOL"; for detergent preparations for hous hold use, not being leather cleaning preparatio (3). By Bottling Trades Chemical Co., Ltd Hydro-Loid Works, Copt Elm Road, Chelte ham, Glos. 647,243.

"QUINLAN SISTERS"; for toilet preparations (n medicated), cosmetics, brilliantine, perfume toilet soaps, dentifrices, cosmetic powder a rouge boxes, and lipstick cases (3). By Allie Distributors, Ltd., 10 Woodward Street, Wellin ton, New Zealand. B647,279.

Device of top-hatted man with monocle, and i cluding the word "Marlboro," (word "Ma boro" disclaimed); for toilet preparations (n medicated) for men, but not including soap (3 By Marlboro Toilet Products, 3 Carlton Roa Seaford, Sussex. 648,002.

"MOBILSUDS"; for cleaning preparations oth than for use in the course of manufacture (3 By Vacuum Oil Co., Ltd., Caxton House, To hill Street, London, S.W.1. 648,368.

"SHAMP"; for non-saponaceous cleaning prepar tions for domestic and laundry use (other tha for personal use) (3). By Fubex, Ltd., Albemarle Street, London, W.1. 648,416.

"SUNNIWITE"; for washing powders and liquid none containing soap (3). By Sunniwite Pr ducts, Ltd., 203 Regent Street, London, W. B648,828.

"DRAGON"; for insecticides, disinfectants a deodorants (5). By Noah Lubicz, 113 Ans Road, London, N.W.2. 647,312.

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References: *Lancet, 1944,* **247**, *pp. 175 and 176.*
British Medical Journal: 1946, 1. p. 50.
Pharmaceutical Journal: 1945, **155**, *p. 245.*

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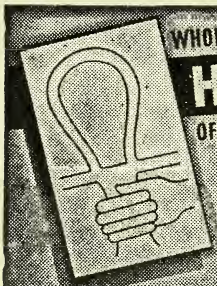

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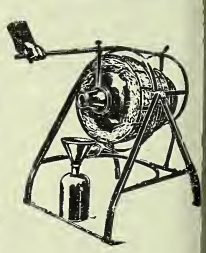

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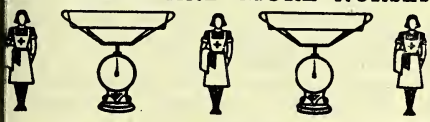

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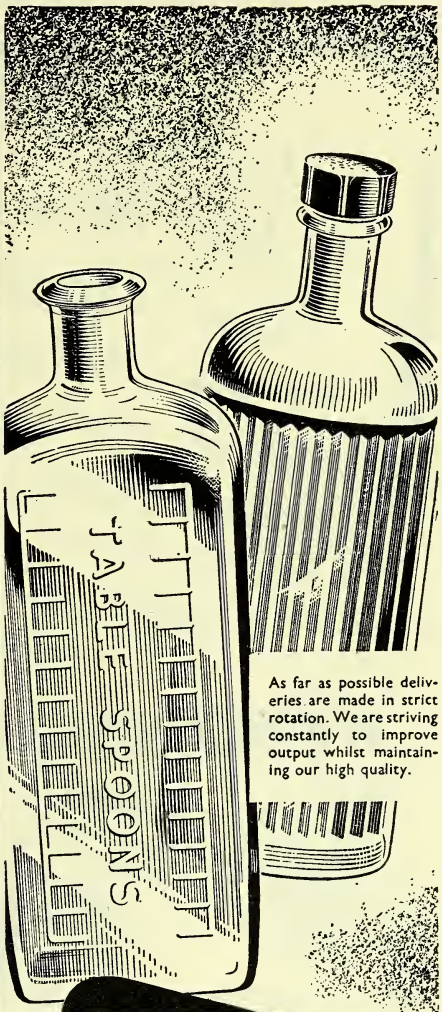

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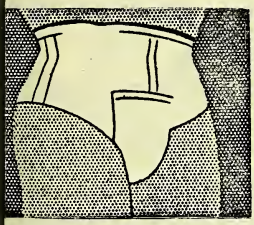

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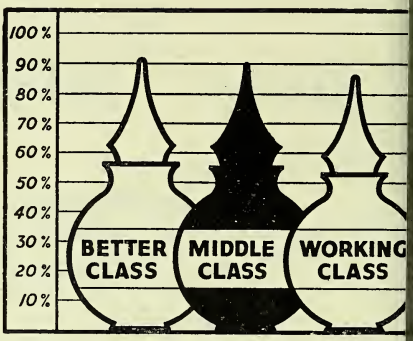

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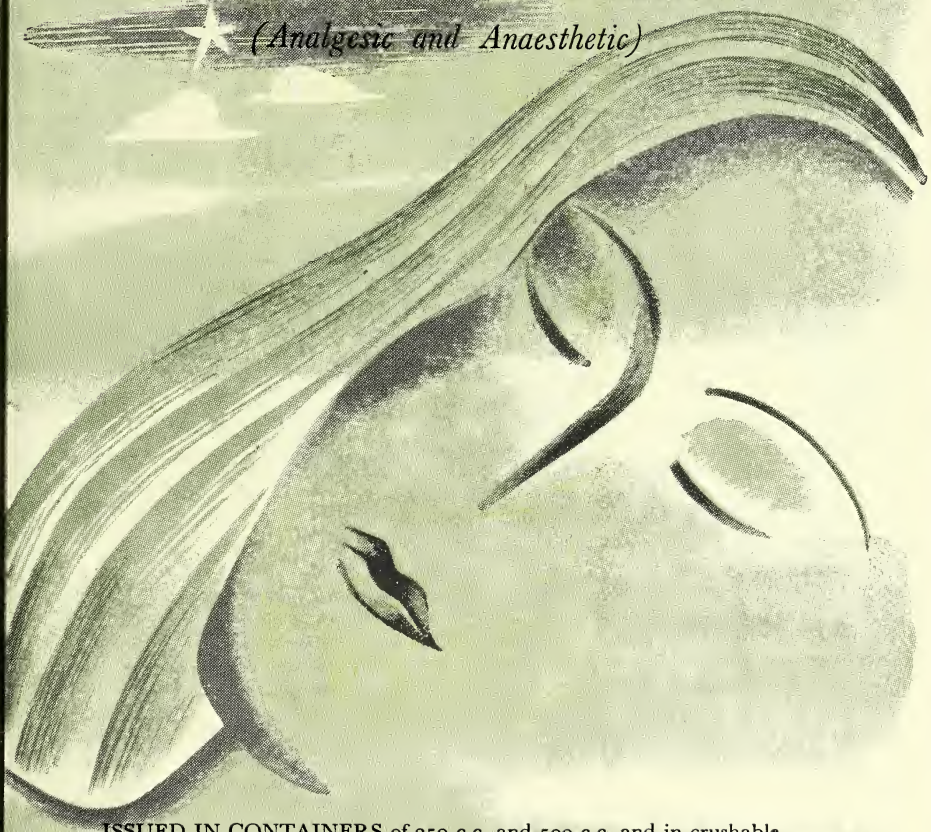

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Today, people who want the latest in lighting come to the Crompton Parkinson organization. They are certain of Lamps and Lighting Equipment that lead the way in efficiency and a technical advisory service second to none.

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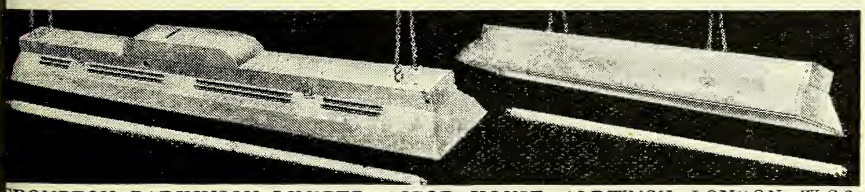

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CAUTION

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STOCKS ARE READY

JAMES TOWNSEND & SONS, LTD.
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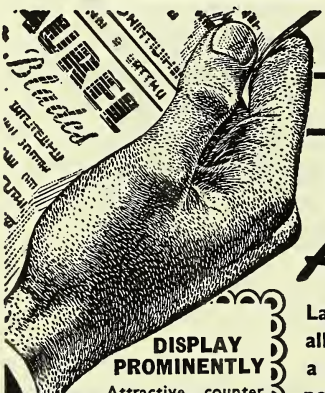
WOMEN KNOW FROM EXPERIENCE THE SECURE COMFORT OF

MENE
SANITARY TOWELS

and MENEX
SOLUBLE

SUPPLY THEM WHENEVER YOU CAN

ROBINSON & SONS LTD · CHESTERFIELD & LONDON



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LAUREL

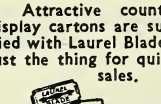
Advertising Campaign

Laurel Blades are nationally advertised in all the main daily and Sunday papers, creating a demand for you to supply. Our prices are popular 1½d. each for ordinary type blades of perfect quality in a handy 4 for 6d. pack. We make blades for every kind of razor including ladies.

An all-British Product.

DISPLAY PROMINENTLY

Attractive counter display cartons are supplied with Laurel Blades. Just the thing for quick sales.



BLADES FOR EVERY RAZOR

Send for illlustrated Price List to

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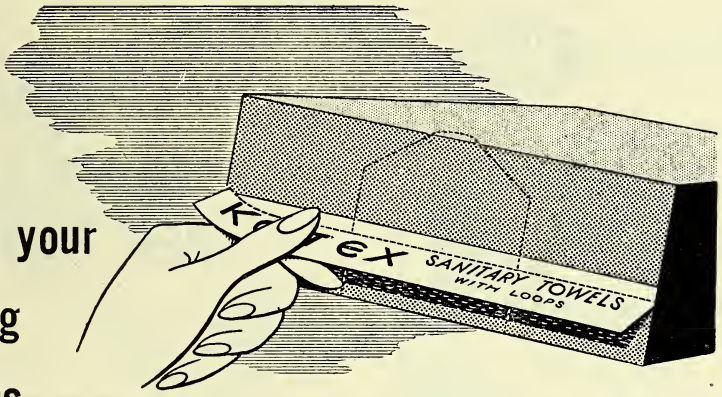

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roblems . . .

. . . . tear off perforated strip

r your convenience, Kotex has cided to revert temporarily to the ain pack with "tear-off" strip. mply remove the strip and the plain ck is ready. Limited quantities are ailable for the wholesale trade.

KOTEX SANITARY TOWELS WITH LOOPS

Now 1/8½d. per Box (C.P.R.C. Approved)

Cellucotton Products Ltd., 33/34 Aylmer Parade, London, N.2.

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We are now in the position to handle all kinds of photographic finishing work for the trade, including developing, printing, enlarging, copying etc., also commercial and industrial photography in the Oxford and London districts. Your enquiry will receive prompt attention.

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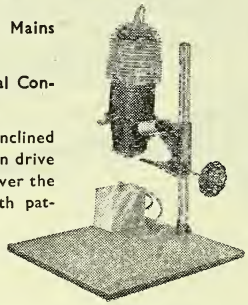
The "UNITAS" 2¼" square Enlarger Portable and Table Models

- Battery or Mains operation
- Double Optical Condensers
- Fitted with inclined column, friction drive to raise and lower the lamphouse, with patented 'one hand' quick release feature.



Price, including P.T. but not lens

Table Model £23 16 11
Portable Model £26 5 7
Transformer extra for both models £1 13 0

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Stergene
SCIENCE IN CLEANSING

NOW 2/2D PER BOTTLE
(RETAIL PRICE)

The makers of Stergene are sorry t announce that they must raise the reta selling price from 2/- to 2/2 per bottle, an increase the price to retailers by 2/- p dozen. This rise is due entirely to the i creased cost of raw materials.

We regret the necessity for this alteratio and assure our friends in the Trade our continued co-operation in eve possible way.

DOMESTOS LIMITED
NEWCASTLE UPON TYNE, 6

SANIPAN
LAVATORY CLEANSER

one of
WALKERS APPROVED PRODUCTS

Supplies available immediately. Order from usual wholesaler. Sells at 1/3 per large screw-top tin (25% retail profit) High quality product backed by national advertising, free sales literature, full colour showcards, display matter etc.

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MIRACLE
MIXTURE *has saved th lives of dog*

★ *The Sensible Chemist knows that Pet owners are worth catering for*

Supplies the fine remedies, well a vertised, and sho more profit th any other simil lines. We do n advertise o Wholesale Price You must write to if you are interest

THE HATCHWELL COMPANY LT
BYRON STREET, PRESTON, LANCASHI

Bottles aren't Pigeons..

they won't fly home
you have to coax 'em!

Empty Scrubb's Cloudy Ammonia bottles very urgently required. We will allow 2/- per dozen and collection will be made by us in the London area immediately on receipt of your advice. Customers outside this area should return their empties to our address and we will pay the carriage incurred. Your co-operation is essential for continuity of supply.

PRIORITY IN DELIVERIES WILL BE GIVEN TO THOSE CO-OPERATING IN THE RETURN OF EMPTIES

CHEMICAL & NATURAL PRODUCTS LTD.
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Asthma

Dō-Dō
TABLETS

ONE often gives relief in 30 seconds

Sole Manufacturers:

INTERNATIONAL LABORATORIES Ltd.

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WE MAKE

TOILET PREPARATIONS

e.g. *LAVINIA LIPSTICKS AND ROUGE CRESTOLAN CREAM BRILLIANTINE AND SOLID BRILLIANTINE.*

WE ALSO MAKE

PHARMACEUTICAL PREPARATIONS

e.g. *CRESTOL ANTISEPTIC, OINTMENTS, INHALANT, ETC.*

IF YOU ARE INTERESTED

AND OUR REPRESENTATIVE HAS NOT YET CALLED—

Write for price list to:—

CREST LABORATORIES LTD.

Manufacturing Chemists

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SCIENTIFICALLY FORMULATED INSECTICIDES

SUISECT

Containing D.D.T. Plus a High Percentage Pyrethrum

SPECIAL INSECT POWDER
In handy-sized sprinkler-top containers. 1/6

LIQUID INSECTICI
In 16oz., 32oz. & Ga Cans. 2/9, 4/9, 1 respectively.

SPRAY POWDER. In 8oz. lever-lid containers.

XTERMINEX

General Purpose Insecticidal* DUSTING POWD *Containing 8% D.D.T. in finest quality Eng China Clay. In 8oz. sprinkler-top containers.

EXOPEST

For Horticultural and Agricultural Use

DUSTING POWDER
Containing 5% D.D.T. in finest quality English China Clay.
In 8 oz. sprinkler-top containers. 1/6

WETTABLE SPRAY POWD
5% D.D.T. — in lever-lid containers.
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THE HYGIENIC CHEMICAL CO. LT

SALES OFFICE & WORKS: NEATH, GLAM

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2,000,000 DENTAL PLATES

The number of people in this country who wear dental plates is not known, but even if it is only one in twenty it means that there are over 2,000,000 potential buyers of Per-de-Co. That is why you should always display Per-de-Co where it will attract most attention. It has a habit of building up big sales.

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E.M. 420

Special Emulsifier for WHITE THICK HAIRCREAM PREPARATIONS

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Ask for our 24-page Handbook "Cyclochem Self-Emulsifying Waxes"

GENUINE LAURYL ALCOHOL SULPHONATES

Liquid, Powder, Paste.

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Wax Refiners and Chemical Manufacturers
ANFIELD HOUSE, STRAND, LONDON, W.C.2

Announcing PRICE INCREASE of

VITA-GLUCOSE
REGD. TRADE MARK

Permission has been granted by the Central Price Regulation Committee to increase the price of VITA-GLUCOSE Tablets as from Monday, October 6th as follows :—

Retail Price . . . 8½d. per packet
Wholesale Price 13/- per box of 24 packets

These tablets are still in short supply and reserved for diabetics on insulin and other urgent medical cases.

Simpkins of Sheffield

"Comfort & Quality"

Dr White's

SANITARY TOWELS

TRADE MARK

ARTHUR BERTON LTD.
Surgical Dressings Manufacturers since 1850
256-60, Old Street, London, E·C·1·

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PHARMAX
LIMITED

Our works have now removed from
179, GREEN LANES, N. 16.
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THE ORGAN WORKS,
OLD HILL, CHISLEHURST

The Symbol of Fine Service

NO IDLE STATEMENT but a fact proven by past experience to our clients, both old and new. We ensure, as always, a quick and comprehensive service, with a fair distribution of supplies. Our advice and service is always at your disposal and we cordially invite your inquiries.

Ferryman
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Suppliers of Proprietaries, Drugs and Galenicals, Sundries and Packed Pharmaceuticals.

HERBERT FERRYMAN, LTD.,
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NO POINTS REQUIRED

"L & B" LIQUORICE AND BLACKCURRANT PELLETS

4 doz. display outers retail at **6d.** *p packet inc. tax*

Also

"LIKRO-MENTHS"
LIQUORICE AND MENTHO PELLETS

Packed 4 doz. display. Retails **6d.** *& inc. tax.*

Wholesalers Write :—
W. JAMES DAVIES (WESTERN) LT
MAINDY WORKS, CARDIFF

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The salesman who travels for Brand's
Has a difficult task on his hands.
With fairness and tact
He must drive home the fact
That supplies do not balance demands.

It will probably be some time yet before manufacturers can produce enough to keep up with the demand. But, in the meantime, we are doing the best we can for all our customers by distributing our limited supplies on a fair quota basis.

Brand & Co. Ltd.
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BRONX 1/-
RONCHIAL TABLETS INCL. TAX

Now!

Generous Bonus Terms for Season's Supply of this quick - turnover counter line supplied this year in attractive display cartons.

7/2 per doz. plus P.T. Bonus terms for 1 gross and over.

CROSS & MAX LTD.
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ALUMINIUM COMPOUNDS for PHARMACEUTICALS

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With over one hundred years' experience in the manufacture of heavy chemicals, SPENCE have recently developed a number of aluminium compounds for pharmaceuticals.

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Sole Proprietors:
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GARGLE & MOUTHWASH

A NEW PRODUCT...

★ ATTACTIVE TERMS
★ EXTENSIVELY ADVERTISED
★ ORIGINAL CONTAINER

RETAIL PRICE
INCL. **2/6** TAX

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are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION LTD.
"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

PEGOL (REGD.)
"RUBGUM" TEETHING SYRUP

SOOTHES BABY'S GUMS AND MAKES TEETHING EASY

ATTRACTIVE SHOW CARD. BONUS BOTTLE WITH EACH DOZEN. COST 14/6 DOZ. PLUS 2/7½ TAX. RETAILS 2/- BOTTLE

If your Wholesaler is out of stock, write to Arlington Chemicals, 18/19 Arlington St., Hull, Yorks.

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Including Purchase Tax

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CUPAL LTD., MANUFACTURING CHEMISTS **BLACKBURN**

OU'RE MISSING GOOD USINESS IF YOU'RE UT OF STOCK OF—

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Made expressly for Bunions

From your usual Wholesaler or from the Sole Distributors for U.K.

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R AND C

Trade Mark

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The following **REED & CARNRICK** *preparations are again available to the Trade :—*

AMPACOIDS	Ovary, Prostatic, Testicle Boxes	1 cc. amp. (6)
ANALEPTINE	Bottles	16 oz.
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PROTONUCLEIN	,,	100 ,,
ENTACARB	Tins	1 and 3 oz.
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PEPTENZYME	,,	100 Tablets
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TESTACOIDS	,,	100 ,,

Order through your Wholesaler
Medical literature on request.

Sole Distributors :—

COATES & COOPER LTD.

NORTHWOOD MIDDX.

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NEW FOOD CONTROLS ITS OWN DIGESTION

FEEDING for those with impaired digestion is always a difficult problem. Adequate nourishment must be provided with a minimum strain on the digestive system.

Inglis Food has been specially prepared to fulfil these two important functions.

CONTROLLED DIGESTION

All foods stimulate acid necessary for their digestion. But some produce more than they require. An over-active digestion produces an excess of acid, which can be the cause of many gastric complaints.

Inglis Food is so balanced that it does not stimulate an excessive amount of acid and absorbs what it produces—digestion is controlled.

Hospital use has shown that even patients suffering from severe digestive disorders benefit from Inglis Food.

Inglis is a highly nutritious food. It is a specially refined oat flour to which Iron, Phosphorus, Calcium, Vitamins D and B_1 have been added.

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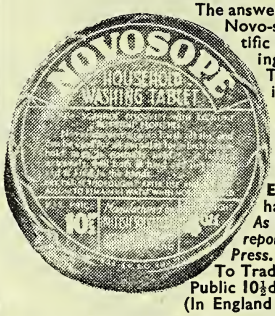
PREPARED FOR A. & R. SCOTT LTD., COLINTON MIDLOTHIAN, BY JOHN INGLIS & SONS LTD., EDINBURGH

Coupon Free!

NOVO-SOPE

The new househol washing table



The answer to the soap sho Novo-sope, the new tific discovery with ing cleansing prope The Novo-sope is ideal for all pur for which hous soap is normally It contains no alkalis, is econ in use and LA EXTREMELY WE hard or soft water *As recommended reported in the N Press.*

To Trade 7/9 per dozen Public 10½d. per tablet. (In England and Wales or

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The Novadent Wafer is not a paste, pow or disc, but a complete all-over interl which fits any Denture. Retails at 4/ less 33%—3¾% 7 days trade terms. Ple write for full details to:—

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QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY ITICAL WITH THAT OF PRE-WAR PREPARATION

use of our heavy purchases immediately before war broke out. Our stocks still considerable and the high MBL standard will be fully maintained.

RE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

		Retail Prices (inclusive of Tax)	CHEMISTS' PRICE Per unit Net	+ Purchase Tax	Per dozen Net	+ Purchase Tax
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MENT	4 oz. tube	6/8½	4/2½	+ 8½	50/5	+ 8/5
	40 gr. „	3/4½	2/1½	+ 4½	25/3	+ 4/3
	20 gr. „	1/10½	1/2	+ 2½	14/-	+ 2/4
D	40 c.c. bottle	3/4½	2/1½	+ 4½	25/3	+ 4/3
THALMO-ANTIPEOL						
Nozzled Tube		3/4½	2/1½	+ 4½	25/3	+ 4/3
NO-ANTIPEOL						
Nozzled Tube		2/9½	1/9	+ 3½	21/-	+ 3/6
EROFAGOS						
f 50 ampoules		19/-	13/3½	None	159/7	None
10 „		4/3	3/-	None	35/8	None
5 „		2/6	1/9	None	21/-	None
ENSYL						
500 tablets...		39/-	24/-	+ 4/-	288/-	+ 48/-
of 50 „		4/5½	2/8½	+ 5½	32/4	+ 5/3
AMES' BALM						
f approx. 2½ oz.		2/10	1/11	+ 4	22/6	+ 3/9
„ 1 oz.		1/5	11	+ 2	11/3	+ 1/11
... ...		1/2	9	+ 2	9/-	+ 1/6

Carriage paid on all orders of 1 dozen or £1 and over.
Terms: NETT, Monthly Account.

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THE last word i
modern brushware
NEOLITE products
combine luxury c
finish with elegance c
style. Hand cut an
sparkling like a rar
gem, they are fashione
in a rhapsody of cryst
and pastel colourin

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The popularity of Velena (the new modern soluble towel) is becoming more and more apparent as each day scores of young women discover how successful it is—*because* it's designed to give the very maximum efficiency and comfort. Be sure to stock and display Velena. Obtainable through all wholesalers.

RETAIL AT 1/9 A PACKET
15/9 PER DOZ. PACKETS TO RETAIL TRADE

VELENA

THE MODERN SOLUBLE TOWEL WITH LOOPS

Manufactured by,
Velvet Crepe Paper Co. Ltd., Alperton, Middlesex

POWDER PUFFS

Finest-Quality

the sign for quality products
MADE IN ENGLAND

'FABULO'

The well known Metal Curlers

Both lines our own manufacture

TWEEZERS, NAIL FILES, SCISSORS (All kinds), TOOTH BRUSHES, NAIL BRUSHES, ALL KINDS OF COMBS, HAIR GRIPS and HAIR NETS, BEST QUAL. LACQUER, REMOVER, RUBBER GLOVES, etc., etc.

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PLESOX

The DIFFERENT

STOMACH TREATMENT

WITH

NATION-WIDE ADVERTISING
ATTRACTIVE WINDOW DISPLAY
RECOMMENDATION OF SATISFIED USERS

50% PROFIT ON OUTLAY

ARRESTING WINDOW SEALS
CONVINCING LITERATURE

A large proportion of all stomach sufferers, and most long-standing cases do not respond well to alkaline or antacid products and call for **A SAFE RELIABLE REMEDY ON SOME QUITE *DIFFERENT* PRINCIPLE. As THEY NEED IT, SOONER OR LATER**—whether in your shop or elsewhere—SUFFERERS WILL DISCOVER **PLESOX**—and become satisfied users.

WHY LOSE such grateful customers with their constant repeat orders and recommendations to others.

Order now at 23/- mixed display cartons (8 small 4 medium)
SHOWING 50% PROFIT ON OUTLAY.

***Retail Prices*: 2/3d plus 3d P. Tax. 4/1½ plus 5½d P. Tax. 6/9d plus 9d P. Tax.**

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CREMOR SULPHANILAMIDE
5% in bulk up to 4 tons 3/- lb. or near offer

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3% made by firm of international repute, packed in beautiful Blue and White glass jars (jars alone worth 2/- each) 3/- per lb. jar, 10,000 available.

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22 varieties in ½-oz. bottles in individual cartons, 29/- per doz. incl. tax.
Standard parcels of six doz. with attractive showcards, £8 14s. incl. tax, post free.

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Available 50,000 strong waxed Cylinders, slip lid; clear inside; 4¼" dia. x 20¾" tall; weight 2 lb.; offered cheaply for prompt clearance ex London. Box 1223, The Container Reclamation Co., Ltd., 82-94 Seymour Place, London, W.1.

JOINTED TEDDY BEARS ... 12/6 each
JOINTED DRESSED DOLLS ... 17/6 „
both incl. Tax. sent C.O.D.

BEAUTIFUL DANCING MONKEYS
Hard bodies fur covered ... 36/- doz.
Plus 33⅓ tax. Money back if not satisfied

INMANS, ROUNDHAY TERRACE. LEEDS, 7

★ *Toilet Bottles, beautiful quality Plastic Caps*
2 dram, 1 oz., 2 oz., 4 oz., cylinders. 1 oz., 2 oz., 4 oz. flat Toilets. Samples and most reasonable prices on request. Quotations for quantities.

★ *Liquorice Sticks*
Each stick cellophane wrapped, 2¼ lb. cartons, 5/4 lb., carr. pd. Free attractive Showcards.

Write:
ST. Albans House, 44 St. Albans St., Leeds, 2

BOXES ★ BATH SALT BOXES ★ TALC AND POWDER BOXES ★ COLAPSIBLE DISPLAY BOXES ★ ANY KIND OF PRINTING

Send us your enquiries

H. BEALL
2 PREBEND STREET, LEICESTER

FOR SALE
1 and 2 dr. Perfume Bottles. 1, 2 and 4 oz. Fancy Toilet Bottles. 2½, 4 and 6 oz. Medical Bottles. 1 and 2 oz. squat white flint Jars. 2 oz. black and opal Jars (Engl. made). 12 oz. fancy Jars.
Prompt delivery.
ADA & Co. (London), Ltd., 7 Dawson Rd., N.W.2.

SULPHONATED LAURYL ALCOHOL POWDER
ANY QUANTITIES UP TO 8 CWT. SAMPLE ON REQUEST. 5/- PER POUND.
2/165, C. & D. OFFICE.

SENNA PODS, ALEXANDRIAN HAND-PICKED
Two tons Second Grade, 3/6; three tons Mediun 3/-; four tons Manufacturing 1/- per lb., C.A.F U.K. port. Prompt shipment from Port Sudan Samples airmailed on request. Write or Cable
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BOTTLES with bakelite **CAPS**
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NOVEMBER 15
1947

vailing restrictions and heavy demand on space necessitate the holding over of a number of vertisements week by week. As normal press days are in abeyance advertisers are advised to send tructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

ncies advertised are restricted to persons or loyments excepted from the provisions of the trol of Engagement Order, 1947.

SITUATIONS OPEN

or 36 words or less, 3d. for every additional word

RETAIL (HOME)

QUALIFIED ASSISTANT required, male or e, No N.H.I. No Sunday or holiday duties. g accommodation can be arranged if desired. e state usual particulars. Early Bunn, Ltd., ists, 95 High St., Chelmsford, Essex.

RENTICE WANTED. Lady chemists, Ltd., Daws Mill Hill, N.W., have a vacancy for a girl ntice. Mill Hill 1366. Write or phone.

T LANE CO-OPERATIVE SOCIETY, LTD., e applications for the position of branch ger of a pharmacy to be opened in near future. e Union rate of pay. Superannuation scheme, fer clause, in force. Applicants please state experience, qualifications, etc., and send to tary on or before the first post Tuesday, mber 25. Butt Lane Industrial Co-operative ty, Ltd., Congleton Road, Butt Lane, Stoke-rent.

K (Near London). Competent pharmacist re-d to manage a central branch pharmacy with N.H.I. dispensing and busy counter trade. be good at staff control, stockkeeping and ay. Adequate salary, excellent living accom-tion available. Apply 2/135, C. & D. Office.

FORESTONE. Young pharmacist required as tintendent. Busy middle-class residential dis- Permanency. Flat can be arranged if required. e, stating age, experience and salary required xecutors Brooke Gregory, 18 Cheriton High St., stone.

HAMPSTEAD, N.W.3. Young lady mainly for ter. Must have experience in dispensing and etics. Sangster & Co., 2 College Crescent. e Primrose 0332.

LONDON CO-OPERATIVE CHEMISTS, LTD., require al pharmacists to join their organisation for ncies situated in the London area. Membership uch organisation ensures progressive and per-ent employment, with full participation in super-ation benefits. Application in first instance to rintendent Chemist, 54 Maryland St., Stratford, E.

LONDON, E.2, near City. Qualified assistant for nsing and counter. Married man preferred. d accommodation available away from business. full particulars of experience, age, names of ences, and salary expected. Apply (letter only), macist, 35 Sydner Rd., London, N.16.

LONDON. West End pharmacy. Qualified man- Good salary and working conditions. No Sun- Write or Phone George's (Chemists), Ltd., ving St., W.C.2. WHI 3774.

LONDON, W.11. Manager (qualified) urgently re-ed for working-class business, busy N.H.I. and counter. Suitable man will be well paid and looked after. No living accommodation. 8, C. & D. Office.

MIDDLESEX, N.W. Qualified manager required for busy suburban branch. Good salary with excellent future prospects. Apply 2/137, C. & D. Office.

POPLAR. Manager (qualified) required for busy pharmacy in Poplar. Good salary offered to energetic man with experience. Permanency with good prospects. Apply 2/136, C. & D. Office.

PORTSEA ISLAND CO-OPERATIVE CHEMISTS, LTD., require qualified pharmacy branch manager. Permanency, excellent prospects, Superannuation Fund and T.U. conditions. Small flat available. Applications in writing, stating age, qualifications and experience, and salary required, to the Executive Officer, 110 Fratton Rd., Portsmouth. Endorse envelopes "Pharmacist."

QUALIFIED ASSISTANT required for five-day week in West London Pharmacy. Good dispenser and counter salesman. Permanency and good salary to suitable applicant. Please apply with full particulars to 2/189, C. & D. Office.

QUALIFIED under-manager. London West End pharmacy. Good salary and working conditions. No Sundays. Write or Phone George's (Chemists), Ltd., 21 Irving St., W.C.2. WHI 3774.

QUALIFIED CHEMIST required for high-class pharmacy; good wages; no half-day or Sunday duties. Apply with references, to Managing Director, Loveitt & Bones, Ltd., Hertford Street, Coventry.

QUALIFIED LADY OR GENTLEMAN ASSISTANT required for good class dispensing business. Apply with particulars as to age, experience and salary required to Wood. Chemist, High St., Windsor.

S.E. LONDON. Pharmacist required for light duties. 5½-day week. Suit newly qualified or elderly person. Part-time could be arranged if required. Phone ROD 4097, or write full particulars salary, etc., to Howard's Dispensing Chemists, 176 Old Kent Rd., S.E.1.

SENIOR LADY ASSISTANT with first-class West End toilet experience to take charge of toilet department; having all best class agencies; permanent full-time position; must be a good saleslady and able to control staff. Apply Manager, Bird & Storey, Chemists, 1 Marble Arch, W.1.

UNQUALIFIED MALE ASSISTANT required; first-class West End experience; good counterman; Saturday half-day; no Sunday or Bank Holiday duty. Apply Mr. Williams, Frizell & Co., Theatrical and Foreign Chemists, 1 Cranbourn St., W.1.

UNQUALIFIED ASSISTANT required by high-class West London chemists for dispensing and counter duties. Permanency. Apply, stating salary required and full particulars, to D. L. Lewis, Ltd., 36 Haven Green, Ealing, W.5.

RETAIL (OVERSEAS)

CEYLON. Chemist, M.P.S., required for large departmental store. 23-30 years of age. Single. Initial engagement of 4 years. Passage paid out and home. Six months' home leave with half pay and free passages if engagement renewed. Generous terms and cost of living allowance. Provident fund and other benefits. Write with full particulars of experience, etc., to Box No. H.326, Willings, 133 Moorgate, E.C.2.

WHOLESALE

ANALYST, PH.C. AND/OR A.R.I.C., required by British Schering Manufacturing Laboratories, Ltd., at works in Manchester area, to assist in analysis of intermediates, raw materials and final ethical medicinal products. The post is an attractive one with good prospects for a capable and industrious man. Salary according to qualifications and experience. Write "Analyst," Box No. 407, Manchester.

ASSISTANT chemist with knowledge of proprietary medicines and cosmetics required by nationally known company with factories in the provinces. Must be M.P.S. or B.Sc., with works experience, and willing to go abroad from time to time. Applicants should not be over 35. Write 2/170, C. & D. Office.

ASSISTANT CHEMIST required for production control and research on pharmaceuticals. Applicants should hold the B.Sc., B.Pharm. or equivalent qualifications. Previous experience in the assay of vitamin products by physical methods an advantage. Applications, giving details of qualifications and previous experience, etc., to the General Manager, Gelatin Products, Ltd., Trading Estate, Slough, Bucks.

ASSISTANT CHEMIST (Ph.C. or M.P.S.) required by manufacturing chemists (near Liverpool) in their analytical laboratory. Initial salary £350-£450 according to qualifications. Apply with full details to 2/181, C. & D. Office.

ASSISTANT SALES MANAGER required with good knowledge and experience of the botanical drug trade and home market. Write 2/178, C. & D. Office.

FANCY GOODS for chemists and hairdressers. Representatives wanted on commission basis for very attractive range. State ground covered. Write 2/186, C. & D. Office.

GEORGE BELL'S PET REMEDIES. Applications are invited from salesmen of proved ability, high integrity and smart appearance for a vacancy on their sales staff. District available Cornwall, Devon, Somerset and the City of Bristol. Remuneration, salary, expenses, bonus. Apply Sales Director, Bell & Sons, Ltd., Silverdale Works, Liverpool, 13.

GENERAL SALES manager required by well-known London pharmaceutical house. First-class experience of modern selling, advertising and marketing methods (not necessarily in the pharmaceutical field) is essential. Applicants preferably 35-45. Must combine leadership, tact and drive with the ability to plan clearly and act decisively and must possess the qualities associated with a position carrying a commencing salary of not less than £2,000 per annum. Write, in confidence, giving full particulars as to age, training, experience, positions held and salaries earned, to 2/166, C. & D. Office.

IMPERIAL CHEMICAL INDUSTRIES, LIMITED, have a vacancy for a pharmacist with copy-writing experience for the production of medical, veterinary and pharmaceutical literature and advertising material. Applications with full particulars should be addressed to Imperial Chemical (Pharmaceuticals), Ltd., "The Ridge," Beechfield Rd., Alderley Edge, Manchester. This post is excepted from the provisions of the Control of Engagement Order, 1947.

LONDON and Home Counties. Experienced salesman/representative to call on doctors, chemists and hospitals. Wide range of ethical products, offering good scope to the right man. Write fully, stating age, experience and salary required. Car owner preferred. 2/169, C. & D. Office.

MANUFACTURING chemists, N.W. London, require the services of an energetic and experienced pill maker. 5-day week. Write, giving details of age, experience and salary required. 2/172, C. & D. Office.

MANUFACTURERS of high-class and most attra tively presented pharmaceutical specialities in pop lar demand have vacancies for capable and conscie tious representatives or sole agents. Existi accounts transferred. Territories: 1, West Countr 2, Kent, Surrey, Sussex and Hants. 3, Lancashi 4, London. 5, Eastern Counties. Large incom and splendid prospects to men not afraid of wo Established connections with chemists, stores, a Co-ops., and own car essential. Send fullest deta in confidence and prior to interview. Incomple applications cannot be considered. 2/191, C. & Office.

MEDICAL PROPAGANDA AND TRADE REPR SENTATIVES, 25-35 years of age, required by old-established London firm of manufacturi chemists. Territory is the whole of Wales, Mo mouth, and the counties of Cheshire, Staffordshi Shropshire, Warwickshire, Wiltshire and Herefor shire. Experience of medical propaganda an adva tage, pharmacy training essential. Applicatio invited from pharmacists and unqualified assistan Salary and travelling expenses. Give full particula of experience, age and salary required. 2/18 C. & D. Office.

ORDER CLERKS (male) required immediately large manufacturing chemists in East Londo Knowledge of drug trade essential, including kno ledge of D.D.A. "A" Schedule poisons, and dr purchase tax. Should be able to take orders ov telephone from doctors and hospitals. 5-day wee Staff canteen. Any person other than one normal employed in Agriculture or coal mining may appl This advertisement is inserted by permission of t Ministry of Labour and National Service under t Control of Engagement Order. Apply 2/167, C. D. Office.

PHARMACIST (male) required to supervise and co trol general galenical manufacture in laboratory West London firm. Manufacturing experience a advantage. 5-day week. Reply giving full pa ticulars and salary required to 2/146, C. & Office.

QUALIFIED CHEMIST, B.Sc. or A.R.I.C., requir for research laboratory of a firm of manufacturi chemists in West London. A pharmaceutical qual fication would be an advantage although not esse tial. The position is a permanent one. Con mencing salary £450. Write, giving full details, 2/124, C. & D. Office.

REPRESENTATIVES, all areas required, to sell add tional line; excellent commission. 2/190, C. & Office.

REPRESENTATIVES required in certain parts of t country for the sale of Beaucaire. Beaucai Laboratories, 27 Vauxhall Grove, S.W.8.

SALES DEPT. A capable assistant to sales manag required by London manufacturing chemists. Mu possess flair for handling queries and all sales co respondence together with methodical office routin State age, full details of previous experience an salary required, to 2/154, C. & D. Office.

TABLETS. Experienced sugar coater required b manufacturing chemists, N.W. London district, wit general knowledge of coating. 5-day week. Writ stating age, experience and salary required. 2/17 C. & D. Office.

UNQUALIFIED CHEMIST (male) to be trained t take charge of ampoule filling department; 5-da week. Pension scheme. Would suit ex-Service mar 2/103, C. & D. Office.

WELL-KNOWN provincial manufacturers of med cated pastilles and other pharmaceutical prepar tions require the services of a gentleman having th qualifications, M.P.S., Ph.C., or B.Pharm., wit good experience in buying, production and market ing. The position offers scope for initiative an ability together with good prospects. Write, statin age, education, qualifications, experience and salar required, to 2/175, C. & D. Office.

FEN & SONS, LTD., Aldersgate Chemical , Carnwath Road, Fulham, London, S.W.6, e experienced representative for London area, l on wholesalers, manufacturers and shipping ants. Knowledge of fine chemical trade essen- Age 30-40 years. Apply by letter only, stating cations and salary required, to the Secretary.

G ANALYST with suitable qualifications re- for pharmaceutical control laboratories. give full details of education and experience y) in first letter, and say when available for iew. Eli Lilly & Co., Ltd., Basingstoke, Hants.

SITUATIONS WANTED

18 words or less, 1d. for every additional word

OCUMS SEEKING ENGAGEMENTS

MACIST available for locum work in London me Counties. West End and suburban ex- ce and expert photographic knowledge A. member). Will do single days if required. moderate. Write or wire Edwards, 42 ngton Rd., Worcester Park, Surrey.

WHOLESALE

RTISER (unqualified) with sound experience ice and factory control, particularly with goods, seeks any managerial position with ssive London house. Or would organise depot vincial firm. Ability and initiative to influ- oth output and quality. Box C/210, Strand London, W.C.2.

T REPRESENTATIVE with wide knowledge of rade, particularly in Europe, seeks new posi- Highly recommended by present employers. nguist and willing to travel. Reply to 2/54, . Office.

REPRESENTATIVE, 18 years' sales experience, position with progressive manufacturing com- Extensive connection throughout Southern d. Own car. 2/195, C. & D. Office.

SENTATIVE, age 33, car owner, travelling hire, Westmorland and Cumberland, estab- connection chemists, Co-ops, etc., wishes to nt house with proprietary lines, or toilet acturer, salary, commission, expenses basis. C. & D. Office.

SENTATIVE, 20 years' London experience, nown to the trade, seeks change, January 1. be firm of repute. First-class references. ate salary. 2/176, C. & D. Office.

MANAGER (M.S.M.A.) desires change. Suc- record in marketing and selling products in aceutical field, Home market. 2/97, C. & D.

PROMOTION by improved quality of your ts. Modernised pack and export introduced erienced cosmetic chemist (own up-to-date as). 2/194, C. & D. Office.

AND WEST of England. Representative onnection wholesale and retail chemists, de- sition with firm of repute. 2/192, C. & D.

APPOINTMENTS

IDDLESEX COUNTY COUNCIL

ISTERED ASSISTANT PHARMACIST NORTH MIDDLESEX COUNTY HOS- AL, Edmonton, N.18. J.N.C. (Hosp.) salary £370 — £450 p.a. inclusive. ar experience may determine commencing y. Whole-time, established, pensionable, ct to medical exam. Application, stating qualifications, experience, with copies of three recent testimonials, to MEDICAL ECTOR of Hospital, IMMEDIATELY. rms. (Quoting D.84 CD.)

CORPORATION OF WILLESDEN

APPOINTMENT OF PHARMACIST

Applications are invited for the following appointment:—

ASSISTANT PHARMACIST. The salary will be in accordance with the Joint Negotiating Committee at the rate of £370 per annum, rising by four annual increments of £15 and one increment of £20 to a maximum of £450.

The work will be carried out at the hospitals and health centres and previous experience will be taken into consideration in determining the commencing salary.

The appointment is terminable by one month's notice on either side and is subject to the provisions of the Local Government Superannuation Act, 1937, to the regulations governing officers of the Council and to a satisfactory medical examination.

Off duty is granted one Saturday morning in every three.

The candidates appointed will work under the direction of the Chief Pharmacist.

Forms of application may be obtained from the Medical Officer of Health, Health Department, 54 Winchester Avenue, Kilburn, N.W.6, to whom they must be returned marked "Pharmacist" not later than 22nd November, 1947.

R. S. FORSTER,
Town Clerk.

Town Hall,
Dyne Road,
Kilburn, N.W.6.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—

KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames.

ST. HELIER COUNTY HOSPITAL, Carshalton.

Commencing salary on grade £370 x £15—£430 x £20—£450 p.a. inclusive.

Applications in writing, stating age, qualifications, and experience, with copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the appropriate Hospital.

BUSINESSES FOR DISPOSAL

8/6 for 36 words or less, 3d. for every additional word

DRUG STORES (owner retiring). Situated in prominent position, S.E. London; rebuilt 1932. Frontage 24 ft., return windows 33 ft. Main road near two S.R. stations; buses, trams pass door. Established 24 years (same owner). 2 floors above, part sublet. Lease 31 years at £364, rates £160. Sublets produce £173. Could increase £100 if living accommodation not required. Substantial turnover (accountant's figures). Price, including heavy stock in region of £7,000. Unique opportunity for qualified man or multiple branch. Full details, apply 1/162, C. & D. Office.

HARROW. Drug and photographic stores. Kodak agency. Owner retiring. Average £2,500 per year. Chartered accountant's figures. Modern double-fronted lock-up shop. Established 22 years. Splendid opportunity for qualified chemist. Fittings, stock, goodwill, cosmetic formulas, all at £2,000. No agents. 2/177, C. & D. Office.

WELL-ESTABLISHED HIGH-CLASS DRUG STORE in populous south-east coast town. All first-class agencies, cosmetics and profitable side-lines, family prescribing, N.H.I. and C.F. badly needed. No opposition. Splendid proposition for pharmacist. Corner premises with good living accommodation; very low overheads. Price, including freehold, goodwill and fixtures, £4,500 S.A.V. or near offer. 2/179, C. & D. Office.

AGENCIES WANTED

8/6 for 36 words or less, 3d. for every additional word

PHARMACEUTICAL CHEMIST requires agencies of pharmaceutical or chemist sundry lines. Nationally advertised lines preferred. Territory covered, all Northern Ireland. Contacts include chemists, Co-ops, and stores. Car owner. Apply 2/183, C. & D. Office.

REPRESENTATIVE calling on chemists and stores in the London area, requires additional lines, preferably small, good quality products only considered. 2/120, C. & D. Office.

AGENCIES

17/6 for 36 words or less, 4d. for every additional word

ESTABLISHED Irish manufacturers of high-class greyhound veterinary products require a wholesale distributor in England, Scotland and Wales, to purchase on a sole agency basis. Messrs. Rex Martin & Co., 33 Kildare St., Dublin.

MANUFACTURERS of pharmaceutical products require an agent for Lancashire (excluding Manchester and ten-mile radius). Must have good connection with wholesale and retail trade. Car owner preferred. Write, giving details of lines already carried, etc. 2/187, C. & D. Office.

15 PER CENT. SELLING COMMISSION. Hand cream, chilblain cream, corn salve. Well-packed and with show material. Areas open: Newcastle, Manchester, Cardiff, Southampton, Belfast. Write giving details of territory covered. The Morlaw Company, Blackfriars Wks., Elgin.

BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

FILLING and packing. Inquiries invited from manufacturers requiring this service. 2/21, C. & D. Office.

NOTTINGHAM and radius 35 miles. Available early 1948 facilities for storage and distribution of high-class compact commodity where careful handling and safe storage are primary consideration. Centrally heated warehouse, resident caretaker, modern transport. Sales and office staff if desired. Keen personal service to one firm preferred. Write 2/158, C. & D. Office.

MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

FOR SALE, approximately 3,780 grammes synthetic adrenalin, 2/9 per gramme, ex store. 2/102, C. & D. Office.

GLASS TUBES. For disposal, surplus stock of 2,500 gross 21/22 mm. x 105 mm. glass tubes with black stopper corks, complete. Offers to 2/122, C. & D. Office.

60,000 TOOTHPASTE, solid, by Enolin, 1½-oz., wrapped in cellophane. Packed 50 to the carton at 3d. each. Sidney Bliss, Ltd., c/o The Mazawattee Tea Co., Coldblow Lne., New Cross, S.E.14. TIDeway 2696.

LEAD ACETATE. 10 cwts. triple refined white crystals. Phone Welwyn Garden 3238.

RESORCINE B.P. Up to 80 kilos for prompt delivery, ex stock. 2/182, C. & D. Office.

WANTED

8/6 for 36 words or less, 3d. for every additional w

A BIG PRICE offered for home cines, cameras, projectors. Bell-Howell, Kodak, G.B., etc. Leica, Contax and other precision cameras, enlarg exposure meters, etc. Prompt cash. Wal Heaton, Ltd., 126-7 New Bond St., London, V

ANY QUANTITIES from 28 lb. up to 1 ton cerine or lactose (sugar of milk) B.P. Full de to 2/174, C. & D. Office.

ASPIRIN granular, B.P., saccharin powder 550, No. 3 tablet bottles urgently required by manu turers. 2/193, C. & D. Office.

BOTTLES. Bottles. We will buy all your sur stocks, spot cash. Any shape or size. Large small quantities. Call or write with details. H stock & Co., 6 Hamilton Sq., Birkenhead. T Birkenhead 5546.

BOTTLES WANTED. 2½ oz. and upwards p medical flats, 5 oz. wide mouthed hair cream, 8 amber rounds, 4 and 8 oz. medical plain flat. Qu tions with samples to Kempac, Ltd., Batley.

GLYCERINE B.P. urgently required. Good offered or 27 dozen packets standard saccharin lets (100's) in exchange or 1 cwt. pro rata fo or 56-lb. tins white petroleum jelly B.P. in l quantities. 2/180, C. & D. Office.

INOTYOL, original pre-war make wanted. price paid. Single tubes acceptable. 2/188, C D. Office.

METAL or bakelite caps, 33 m.m. to 63 m.m quired. Write 2/171, C. & D. Office.

QUANTITIES required of 8 and 16-oz. ribbed bottles. State best price and delivery dates. 2/ C. & D. Office.

SURPLUS bulk lots of all fine chemicals, esse oils and alkalis; also stearic acid triple pre glycerine, vanillin and lactose for spot cash. 2/ C. & D. Office.

WANTED urgently. Stearic acid, all grades, quantity. Samples and quotations to Har Dietetic Laboratories, Ltd., Cavendish Works, N Parade, Burnt Oak, Middlesex.

WANTED. Orders for ⅜ in. plain mouth flat bo glass tubes. Dunford, Manufacturer, 107 West Wakefield, Yorkshire. Tel. 4054.

WANTED urgently; 10 gross each stoppered C.M. 20 oz bottles. Must be amber, win. sh Good price paid. Reply 1/435, C. & D. Offi

WANTED. Spools and backing papers, 120, 620, sizes; must be in perfect condition with bac papers wound round spools. Payment of 3/- dozen by return. Enclose name and address in cel and give count. Grays Camera Shop, L Middle St., Taunton.

WANTED. Backing papers only, size 120, 620, must be in perfect condition and rolled in bu of 1 dozen each. Payment of 2/- per doze return. Enclose name and address in parcel state number sent. Grays Camera Shop, L Middle St., Taunton.

WE REQUIRE large quantities of toilet rolls distribution to chemists and grocers, and shal glad to receive bulk offers to Carlton Laborato Ltd., 28 Pont St., London, S.W.1.

FOR SALE

8/6 for 36 words or less, 3d. for every additional w

SQUAT JARS. 25 gross 2 oz., with caps; new unused, at 33/- per gross. Packed 2 gross per chest. The General Chemical Co., 188 Colt St., Hull

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The export drive is now in full swing. As one of the most important exporters of all products enumerated above, we are ready to co-operate with manufacturers desirous of increasing their exports.

We have our own companies in India and New York and associated companies in Rio de Janeiro and Buenos Aires, as well as tried and accredited agents in practically all countries.

We have an intimate knowledge of the markets in which we deal and will provide the fullest information on request.

COMPANIES AND ASSOCIATED COMPANIES

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Biddle, Sawyer & Co. (India), Ltd., Frere Road, BOMBAY, INDIA
Propac Biddle, Avenida Rio Branco 85, RIO DE JANEIRO, BRAZIL
Rioplatense Biddle, Paseo Colon 221, BUENOS AIRES, ARGENTINA

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4 GRAFTON STREET, LONDON, W.1.
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